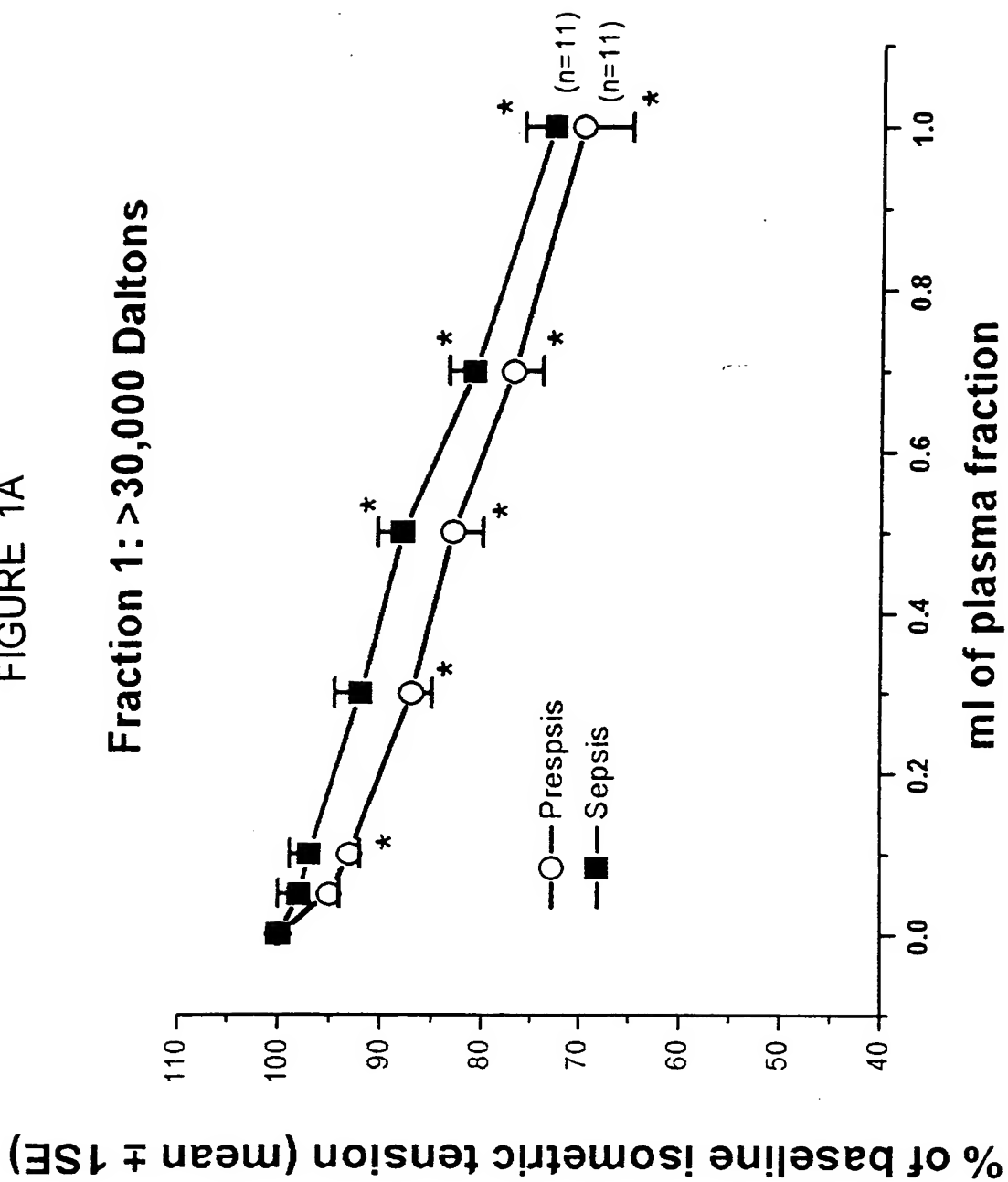
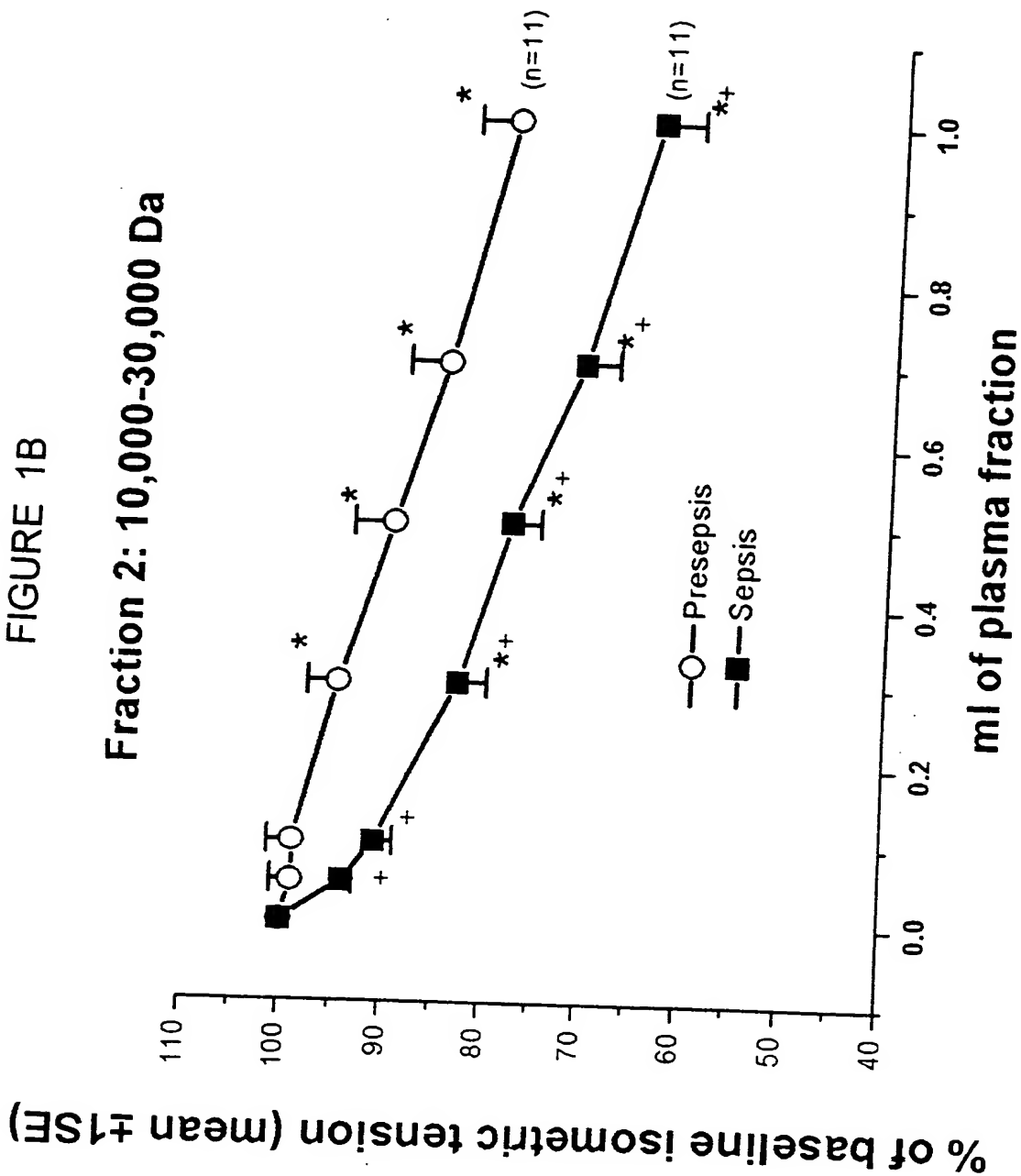


FIGURE 1A

Fraction 1: >30,000 Daltons



**FIGURE 1B**  
**Fraction 2: 10,000-30,000 Da**



% of baseline isometric tension (mean  $\pm$  1SE)

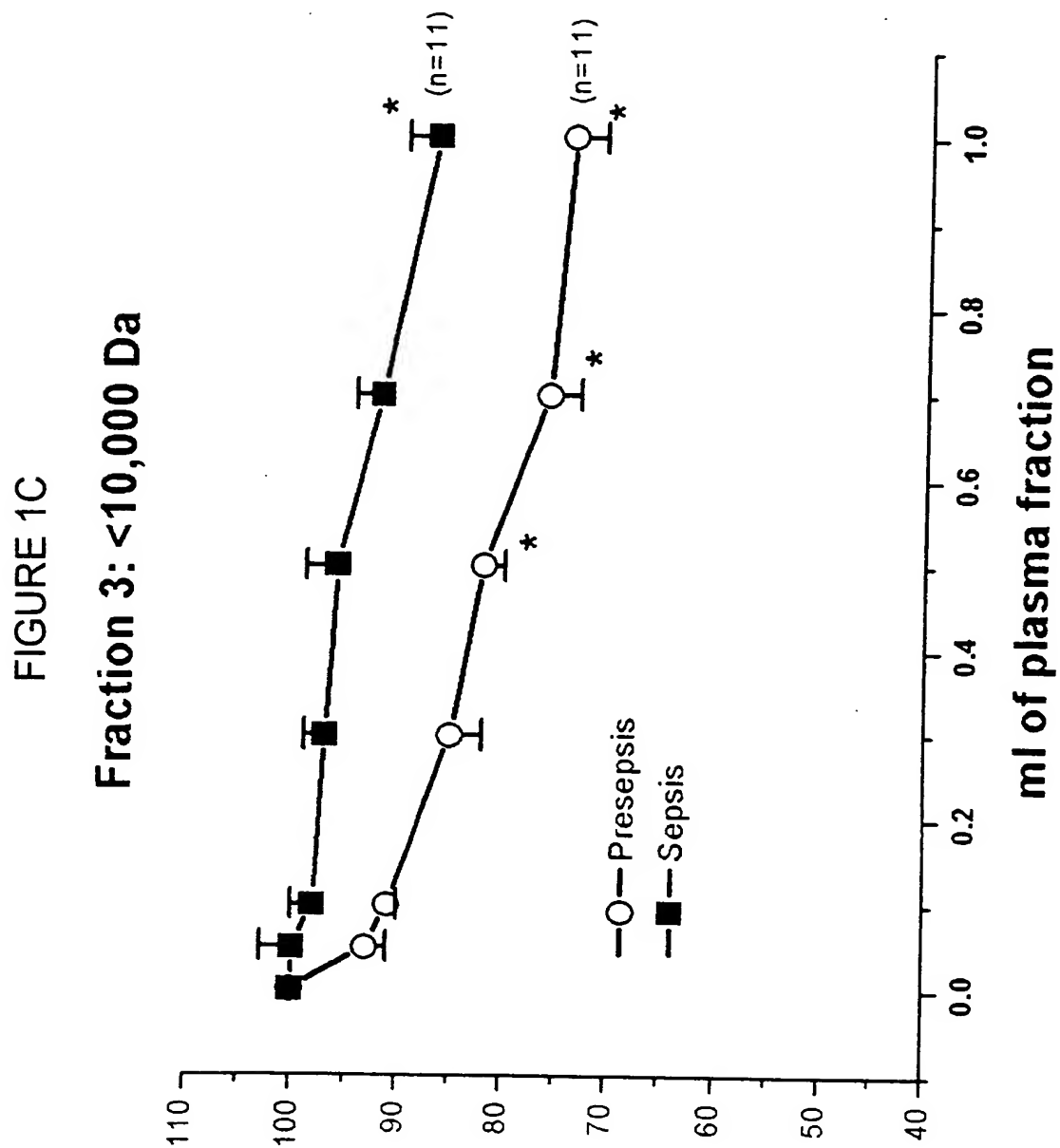


FIGURE 2

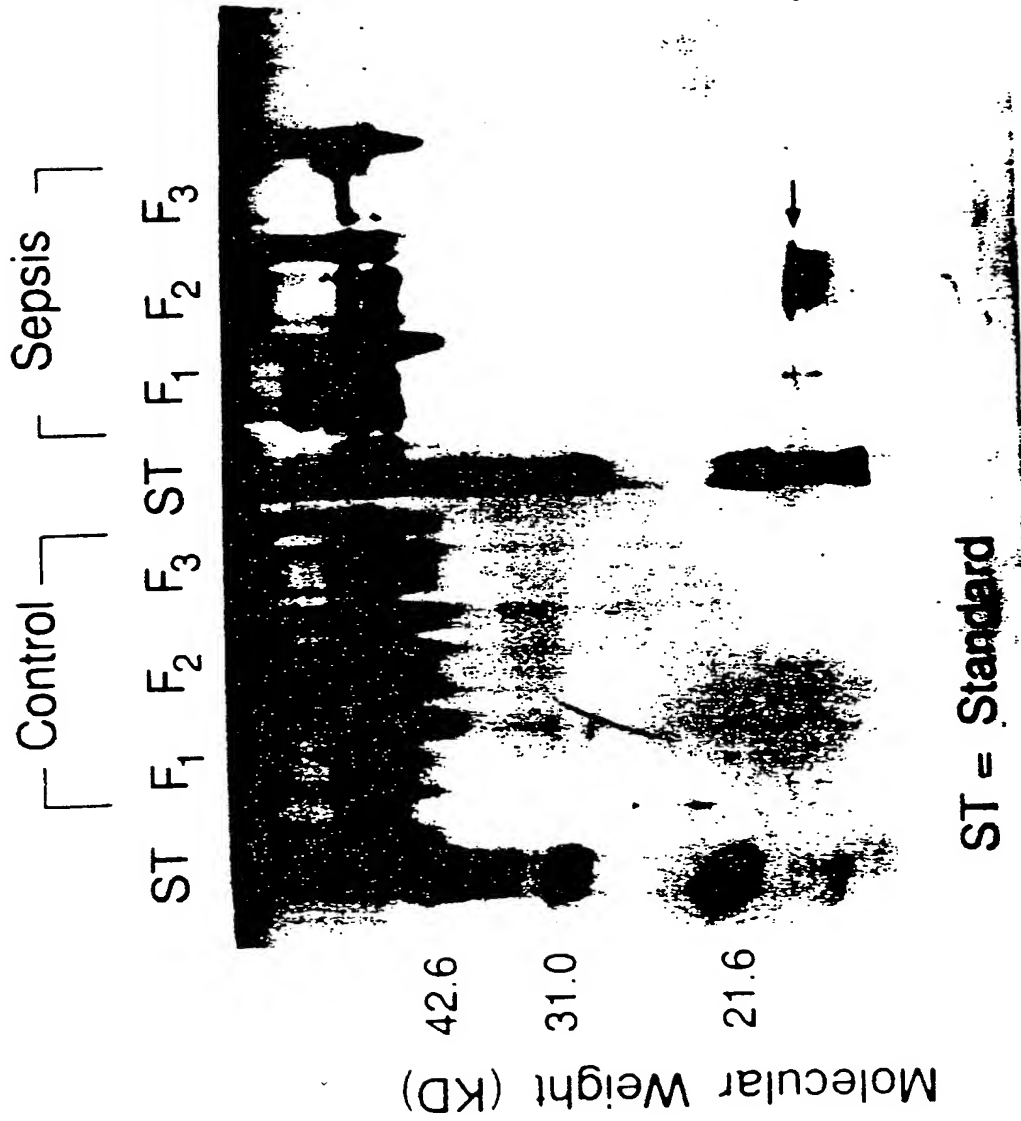


FIGURE 3A

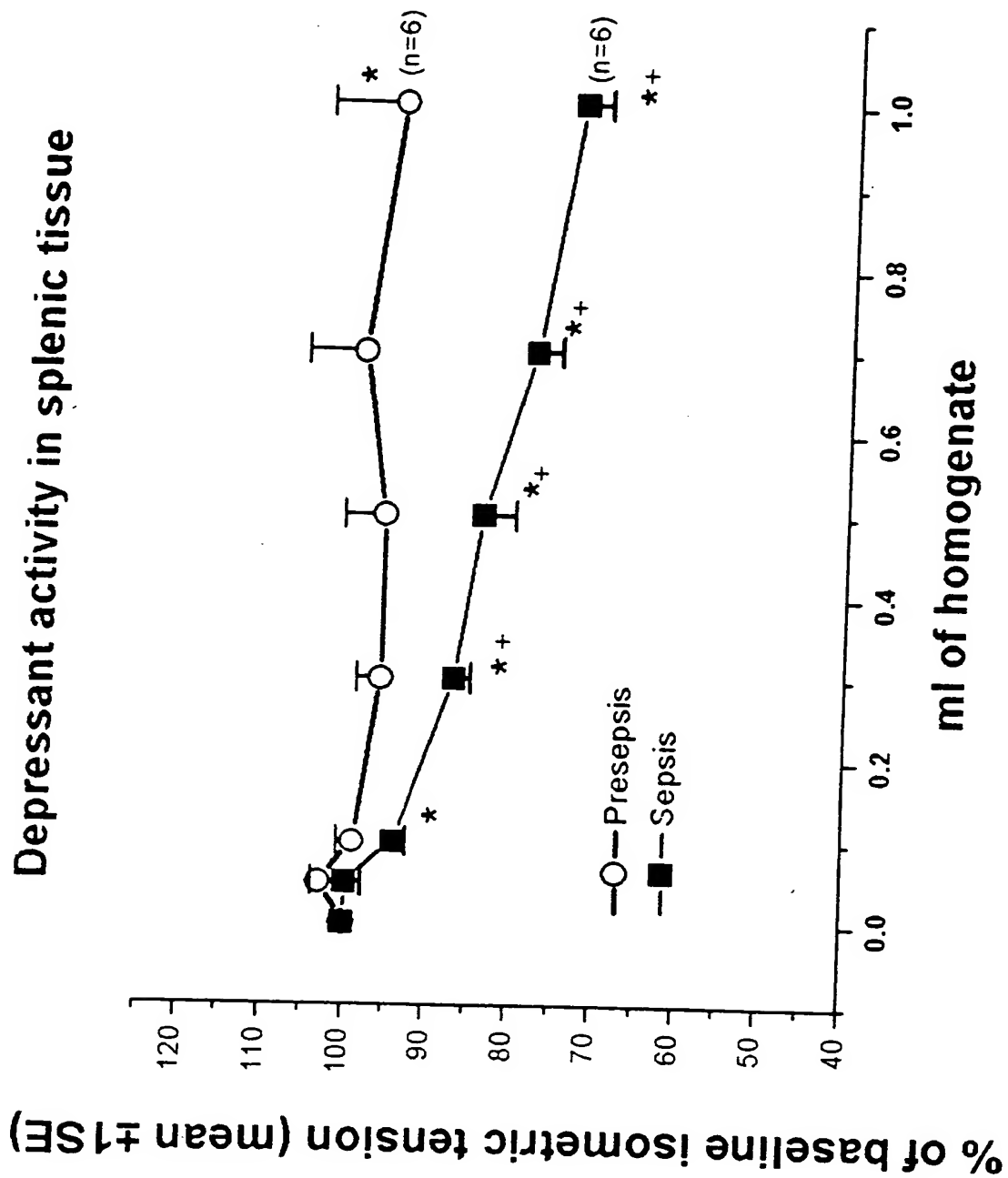


FIGURE 3B

Depressant activity in cardiac tissue

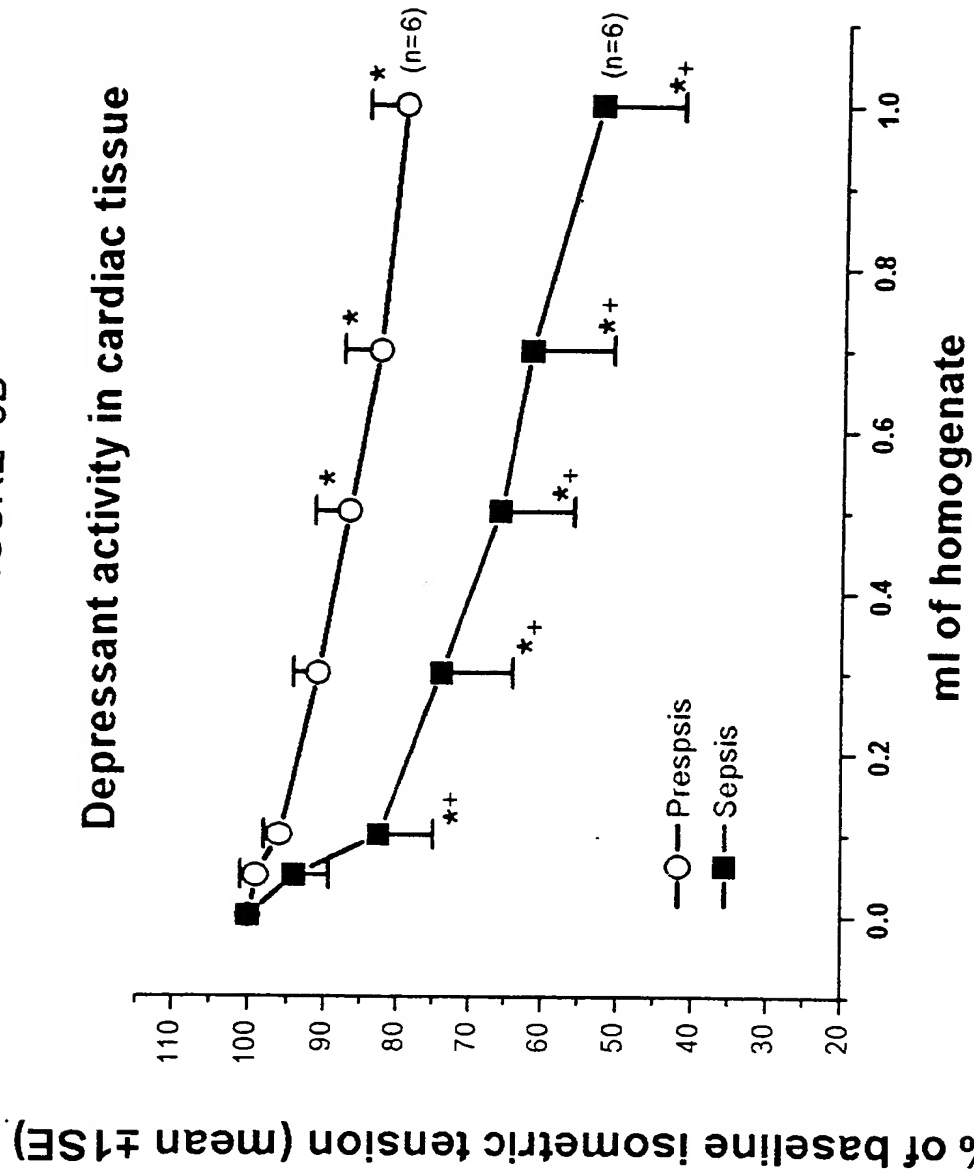


FIGURE 3C

Depressant activity in lymphocytes

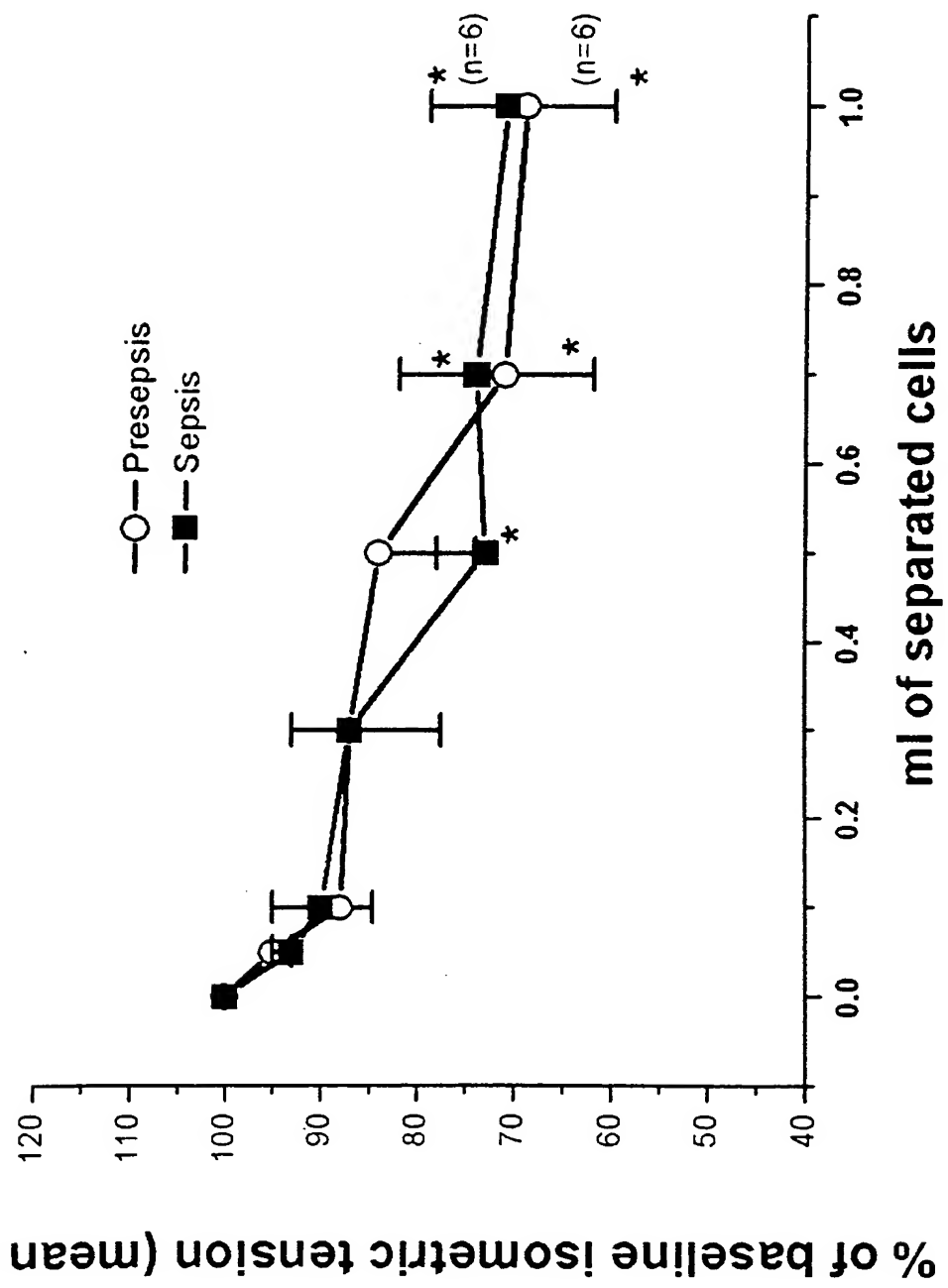


FIGURE 4A

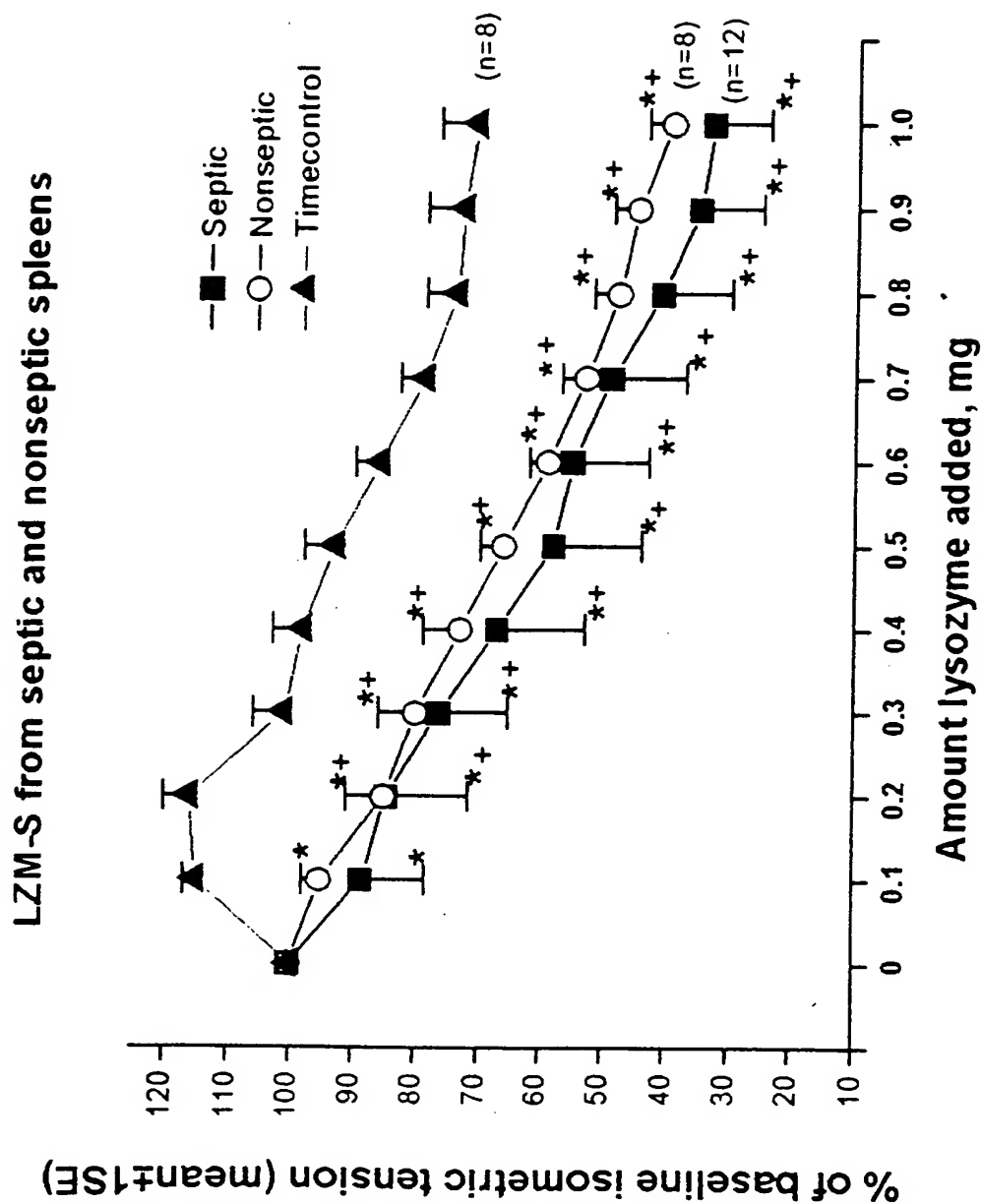




FIGURE 4B

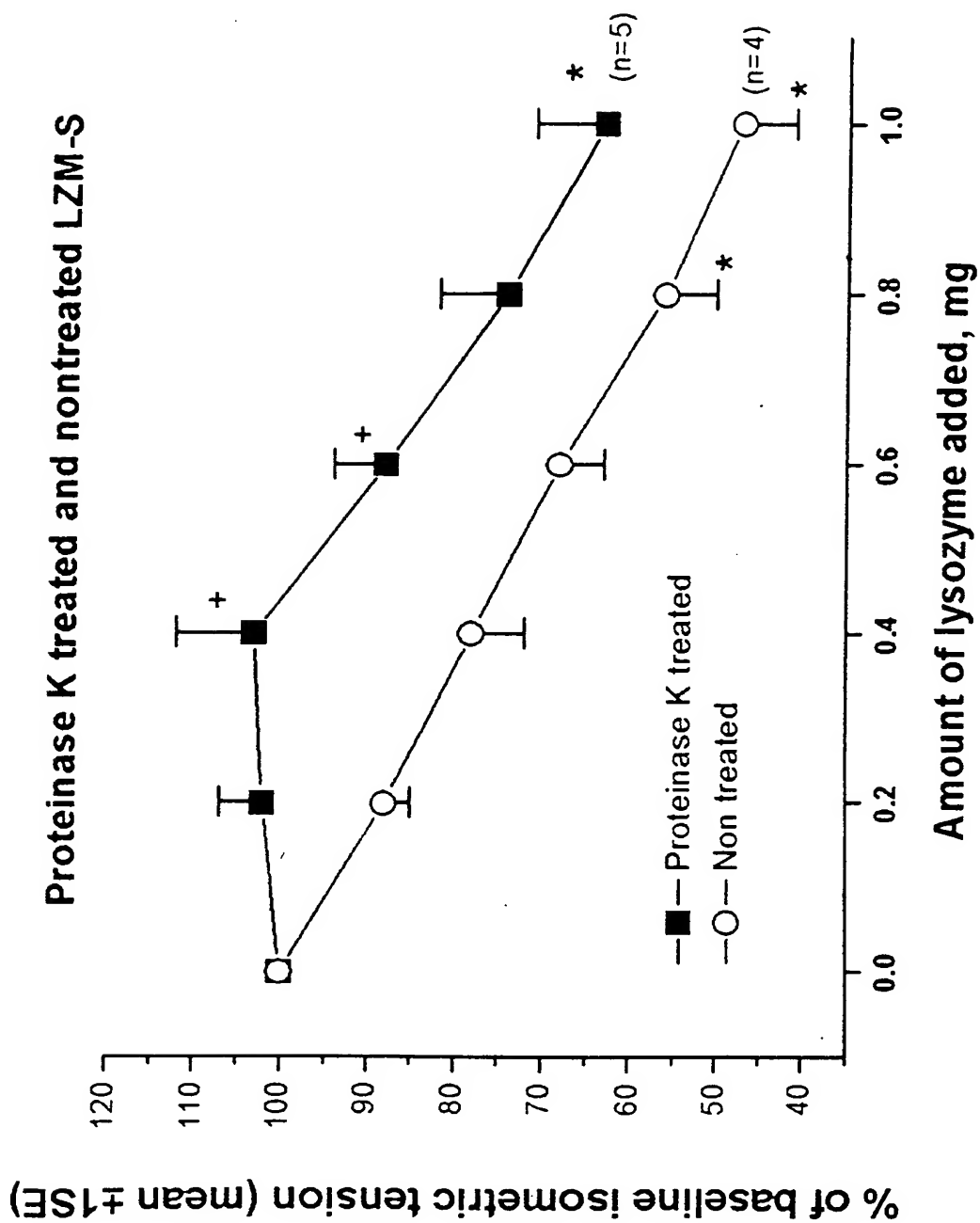


FIGURE 5A

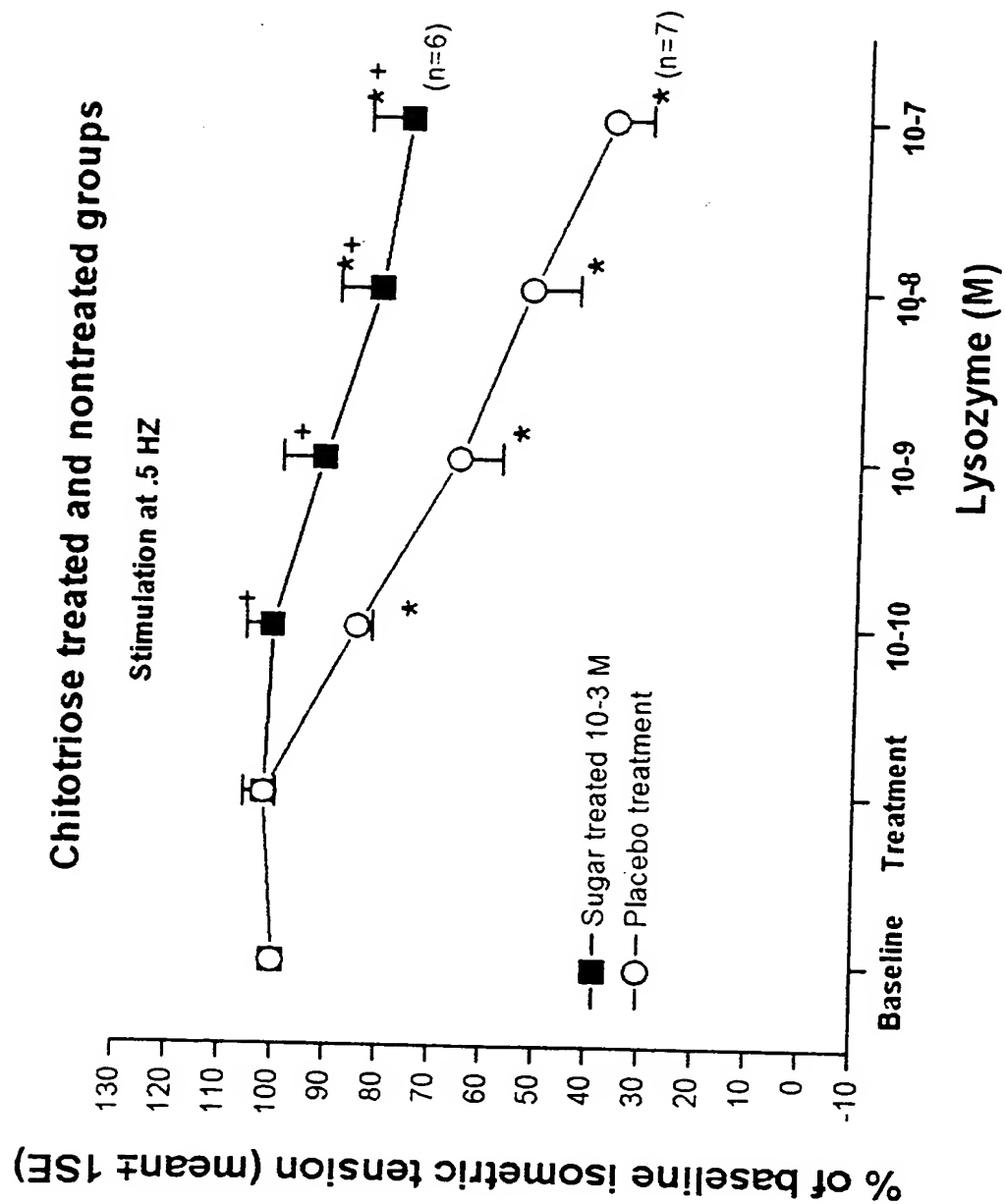


FIGURE 5B

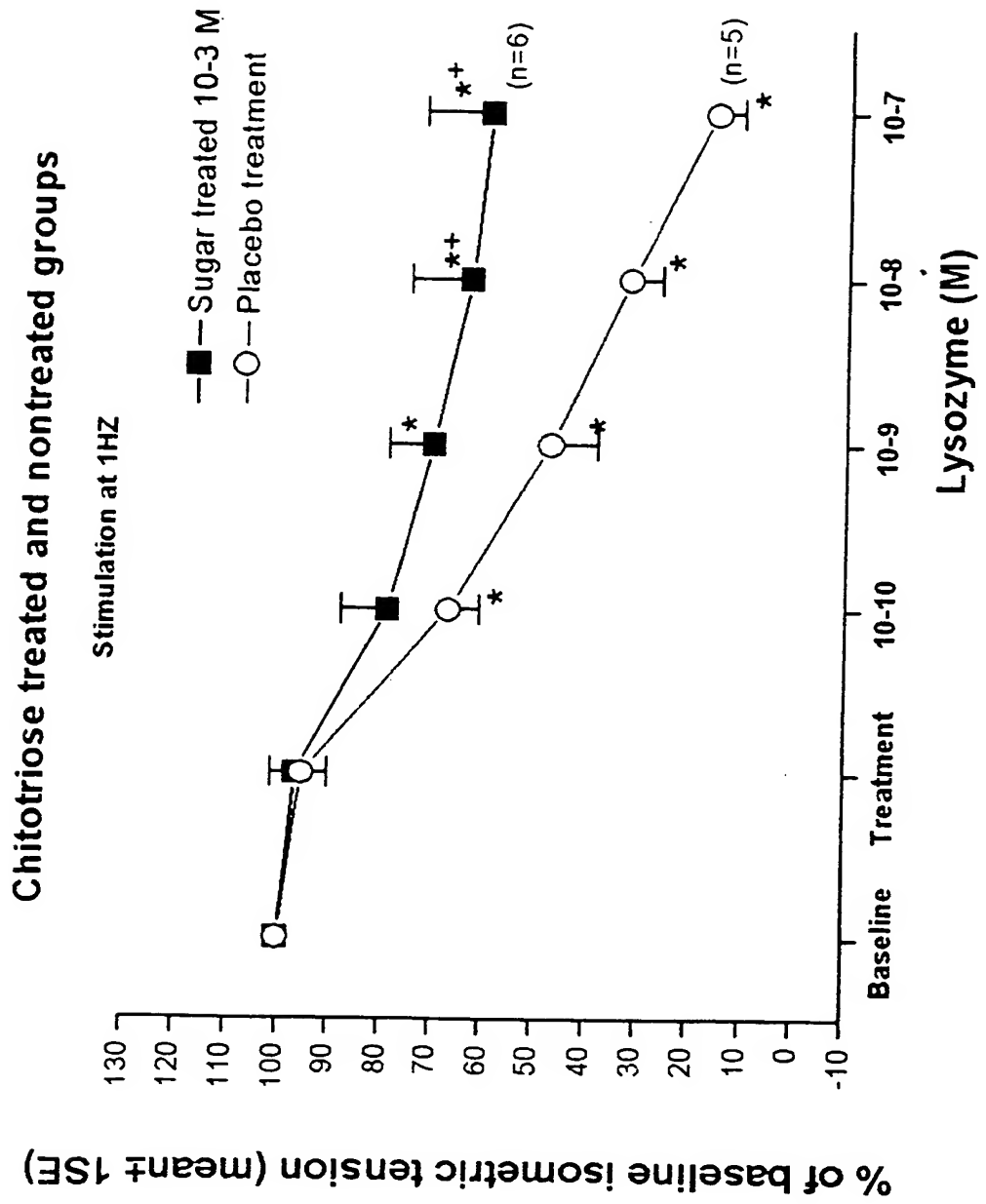
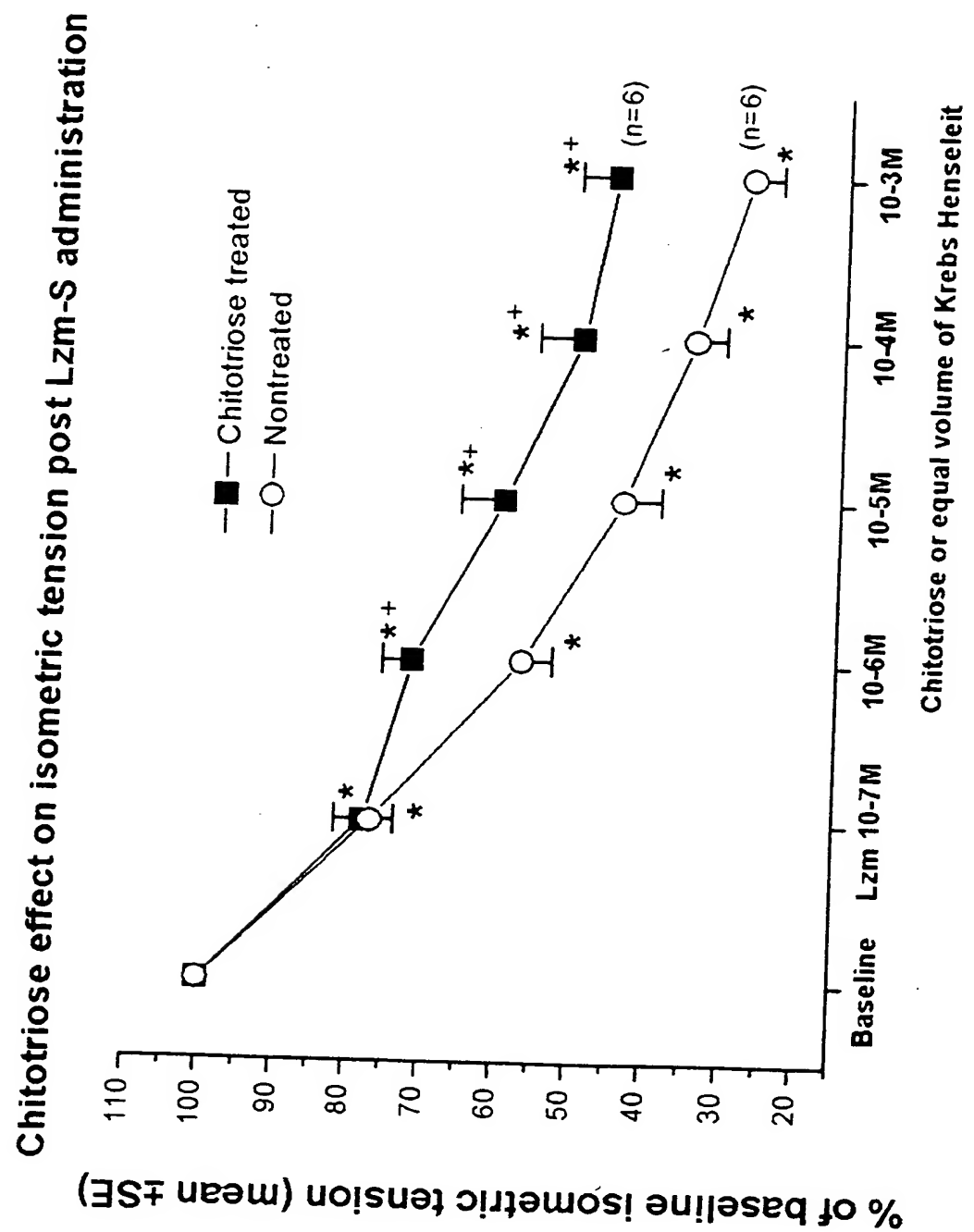


FIGURE 5C



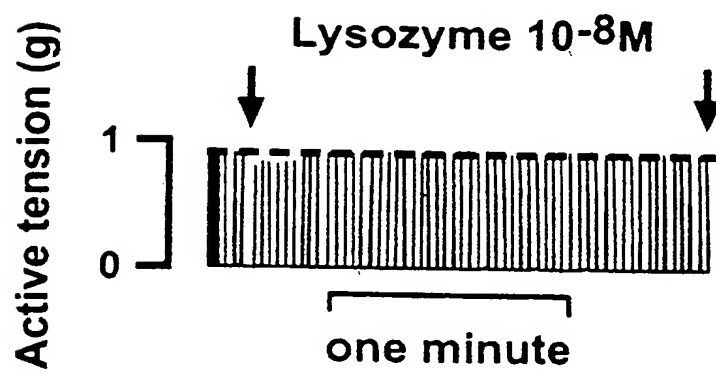
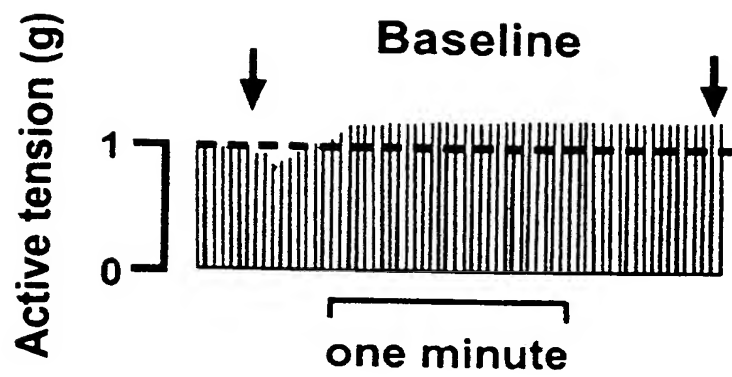


FIGURE 6

FIGURE 7A

Sympathetic response

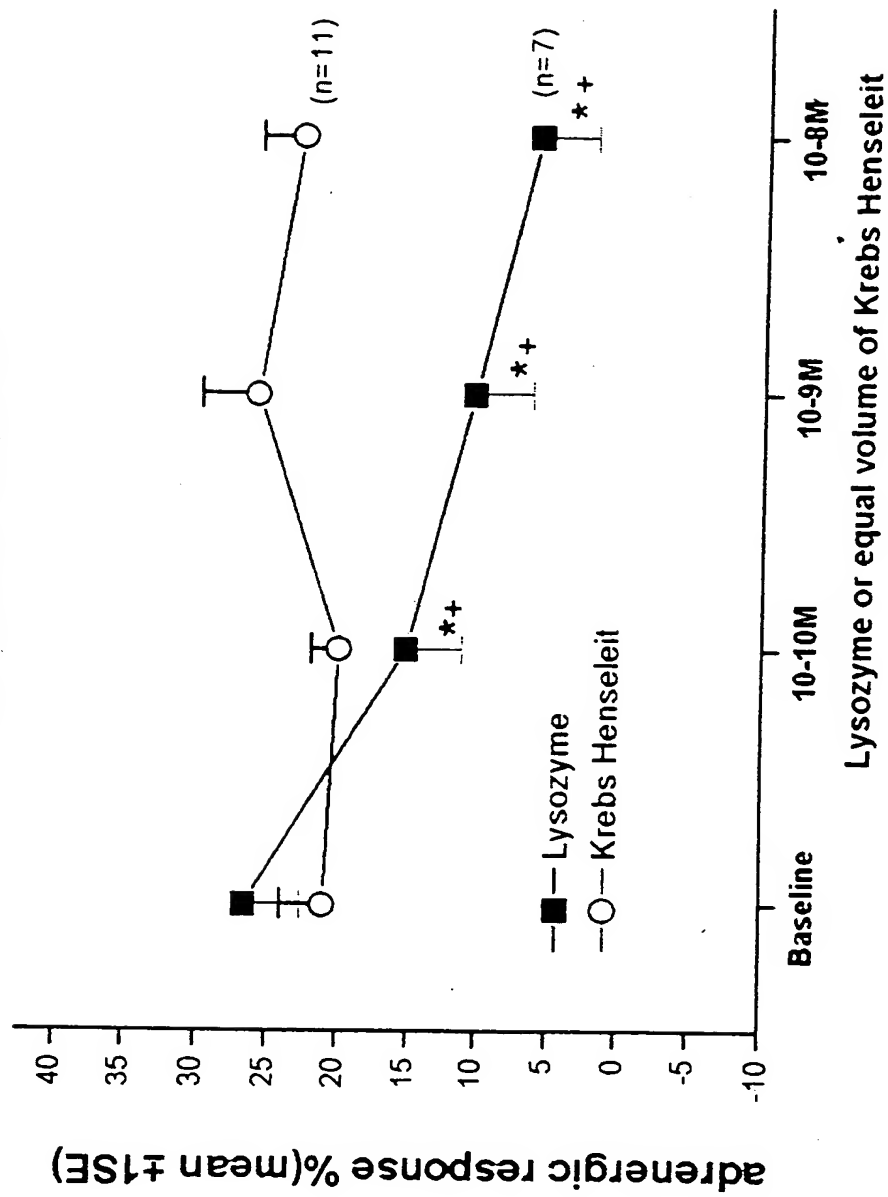
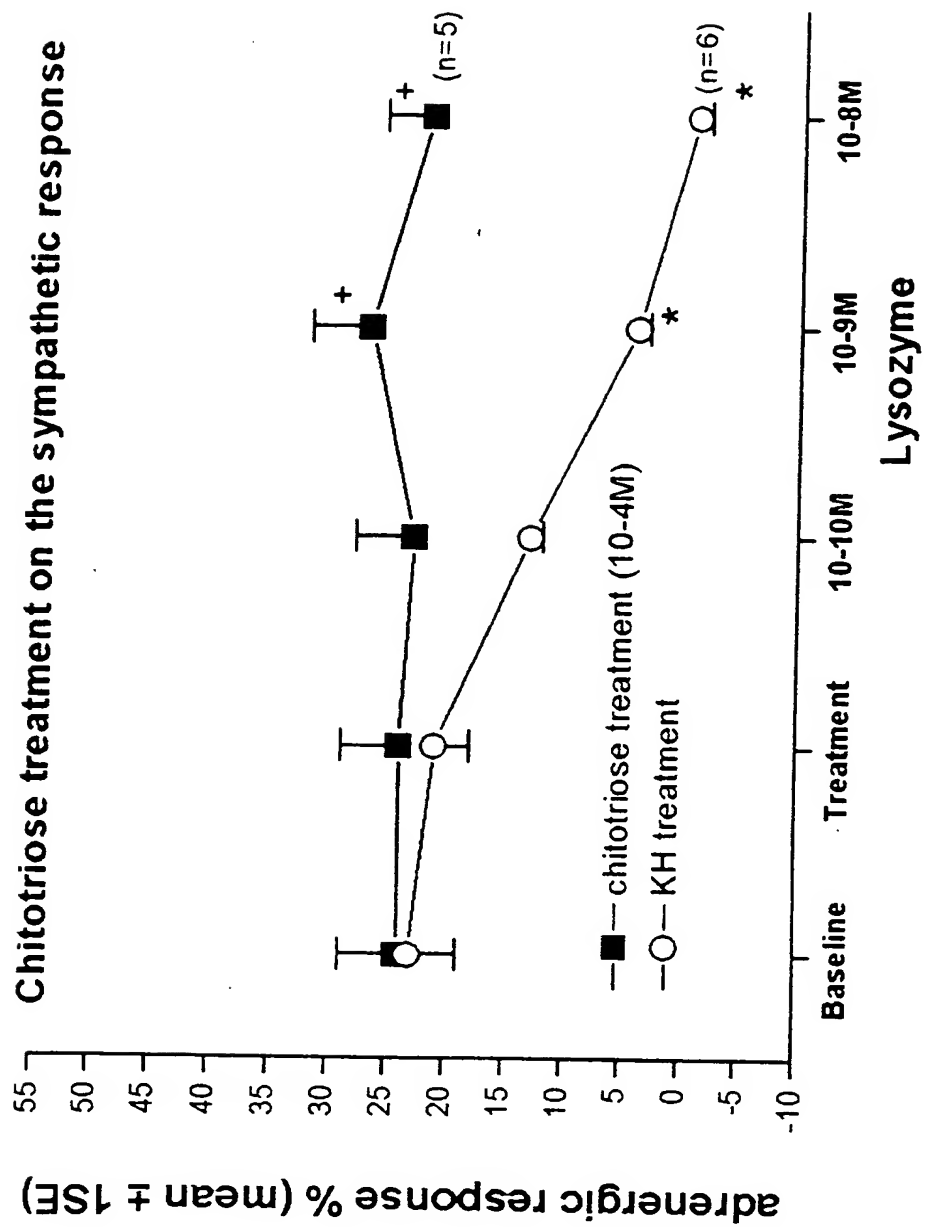
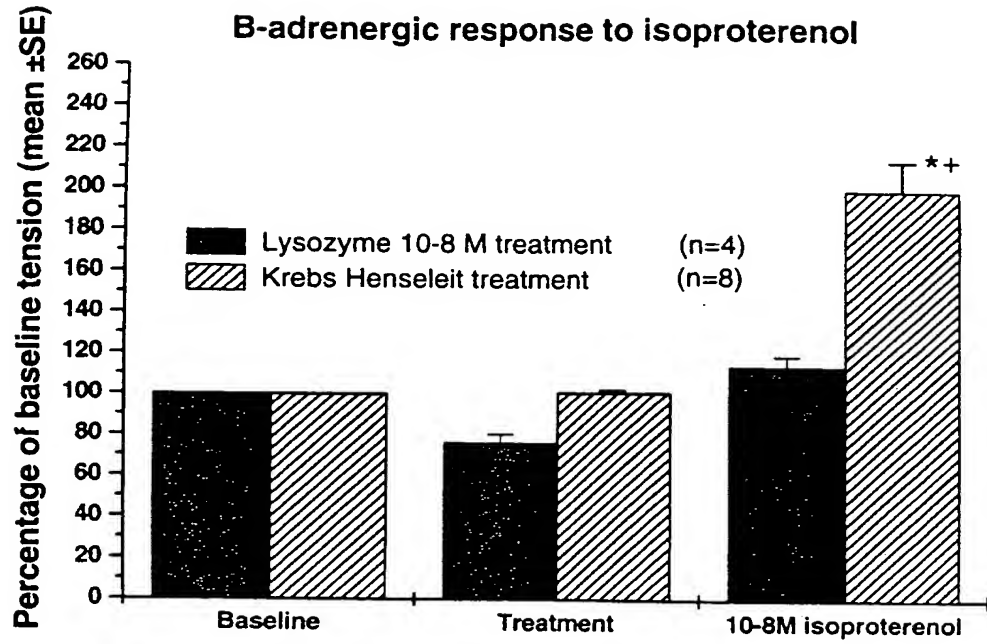


FIGURE 7B

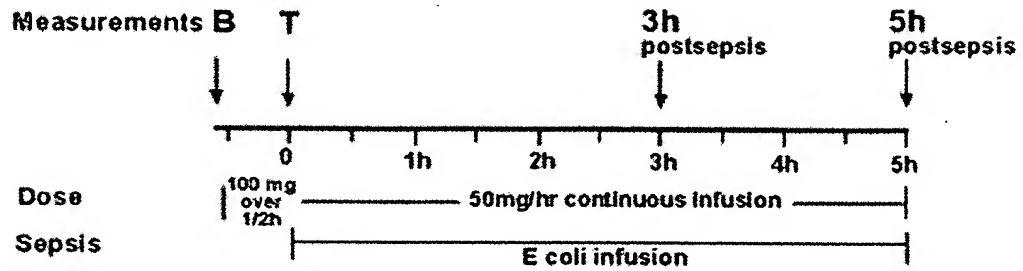


**FIGURE 7C**

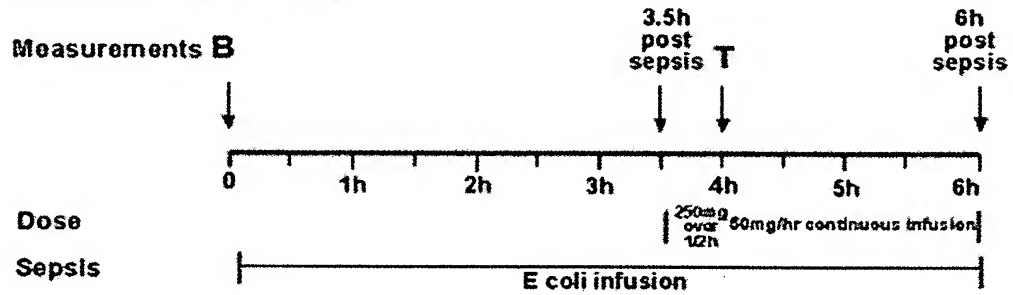




### Pretreatment Study



### Late Treatment Study



### Early Treatment Study

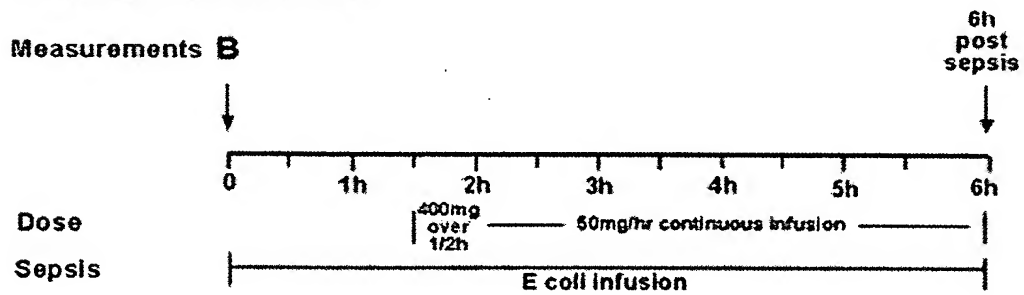


Figure 8

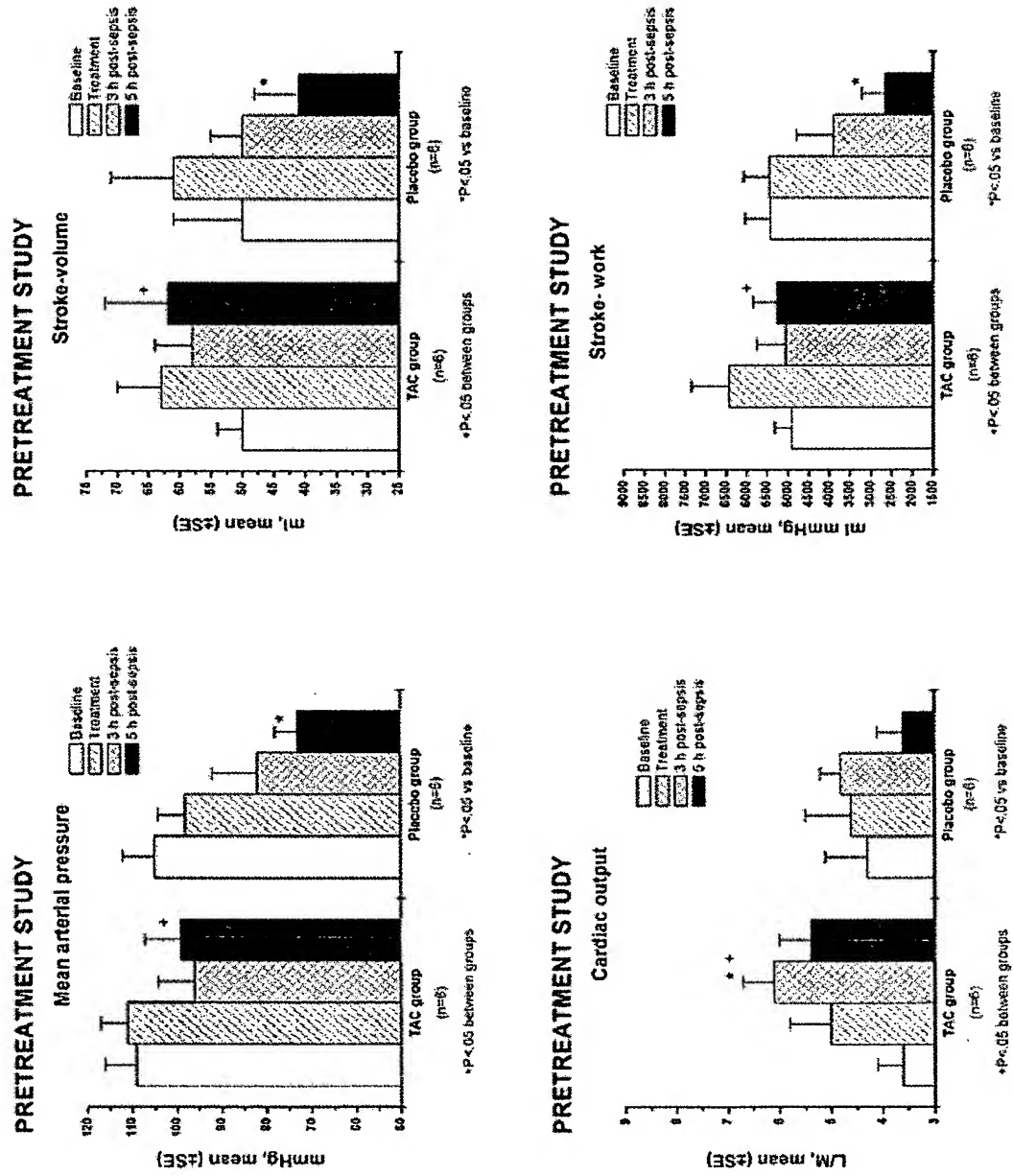


Figure 9

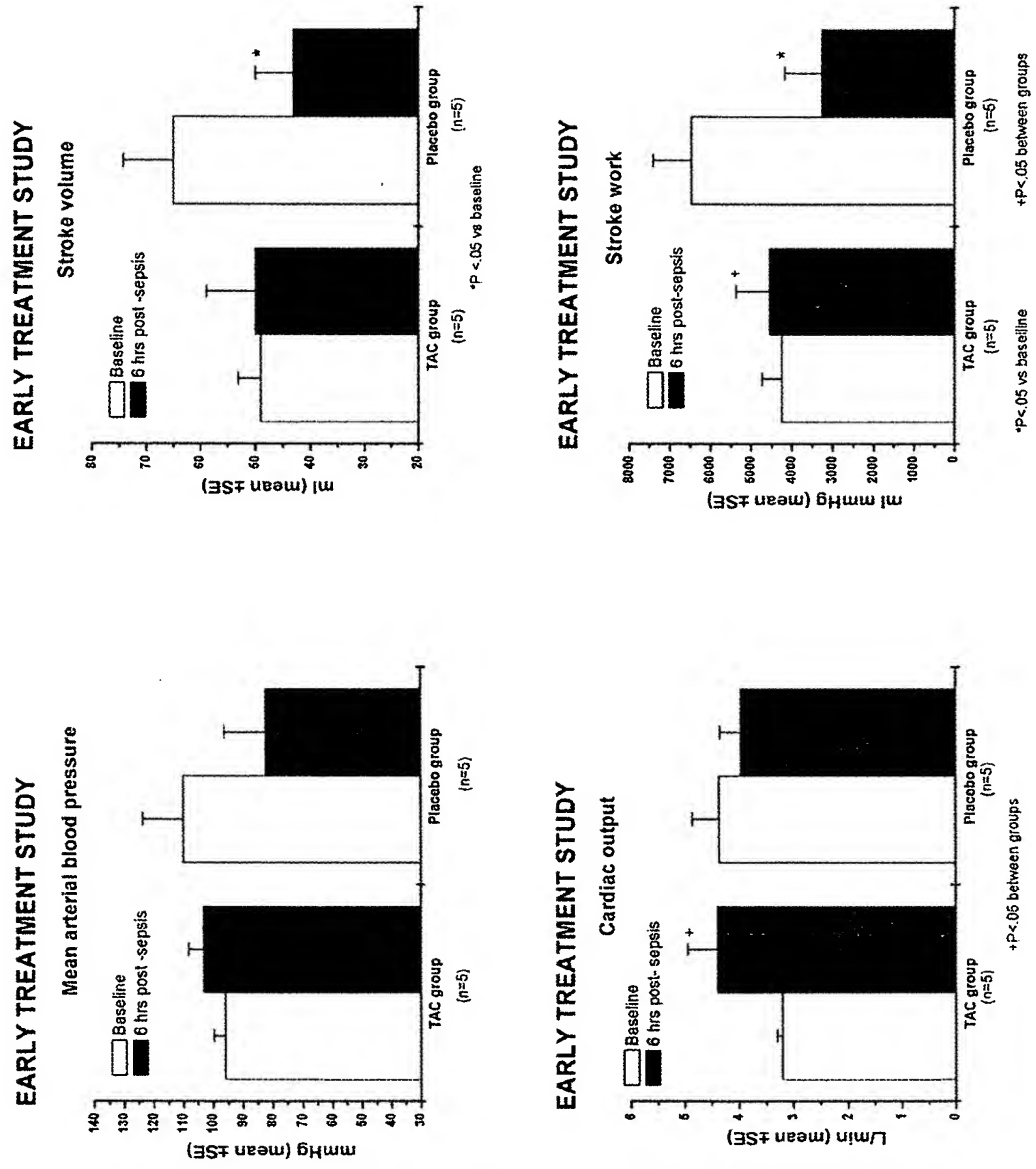
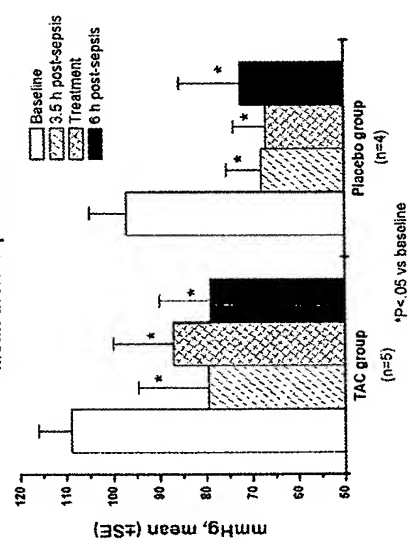


Figure 10

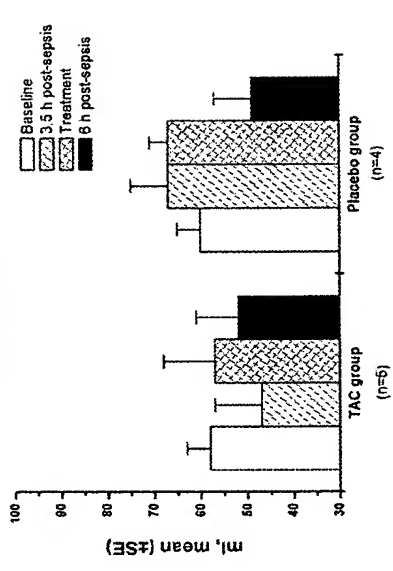
# LATE TREATMENT STUDY

Mean arterial pressure



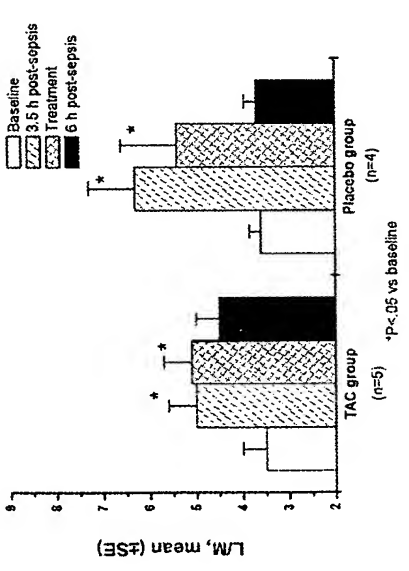
# LATE TREATMENT STUDY

Stroke-volume



# LATE TREATMENT STUDY

Cardiac output



# LATE TREATMENT STUDY

Stroke-work

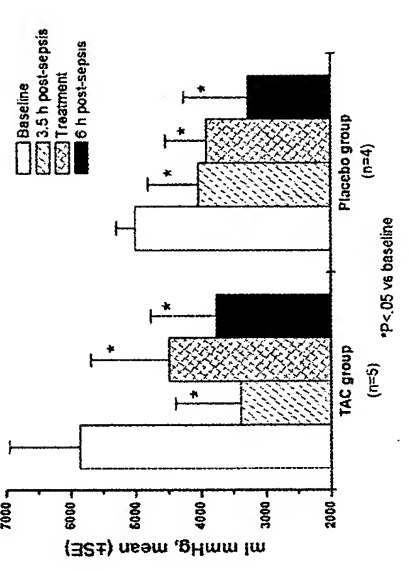
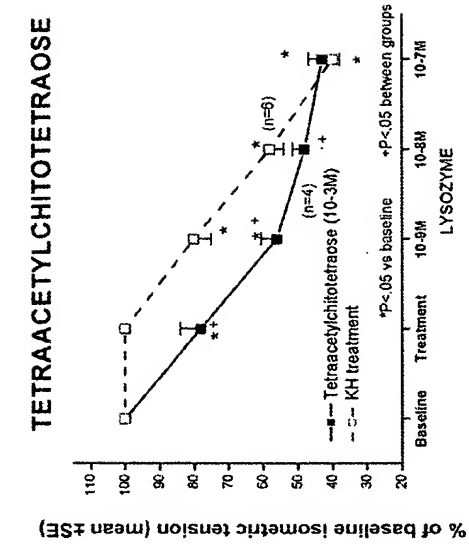
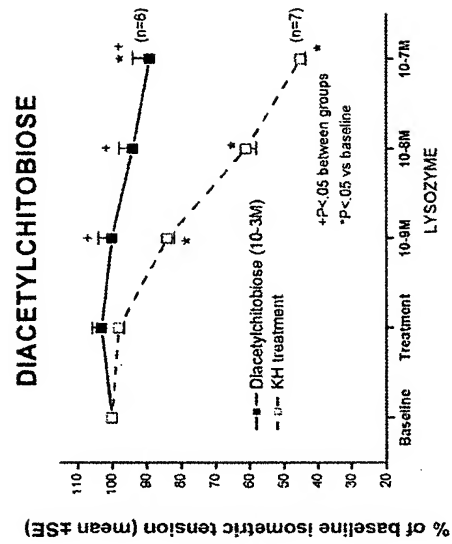
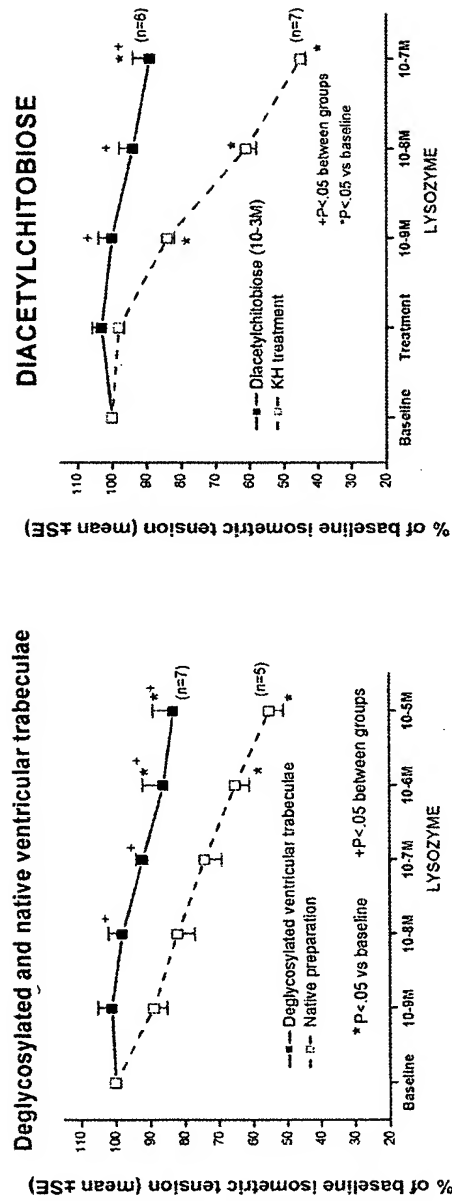
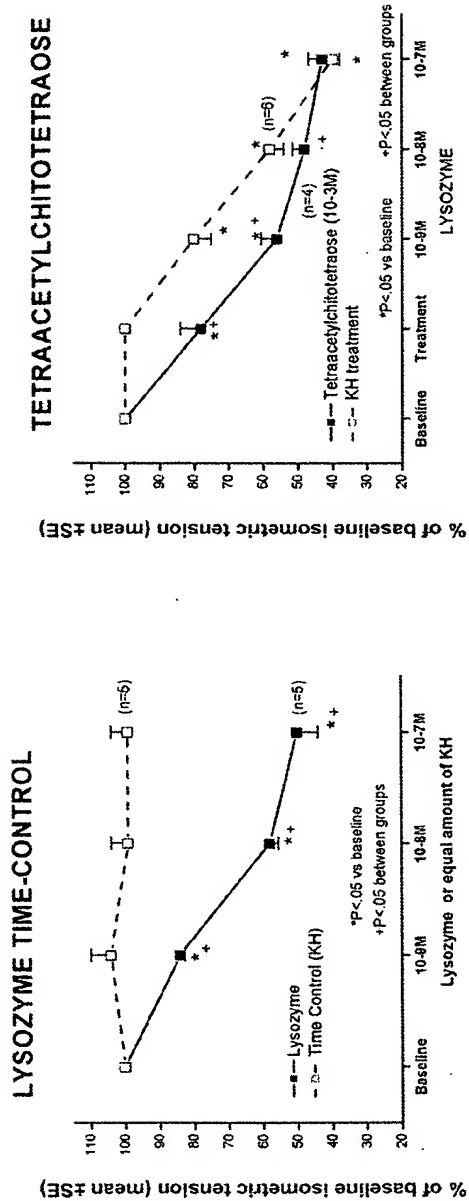
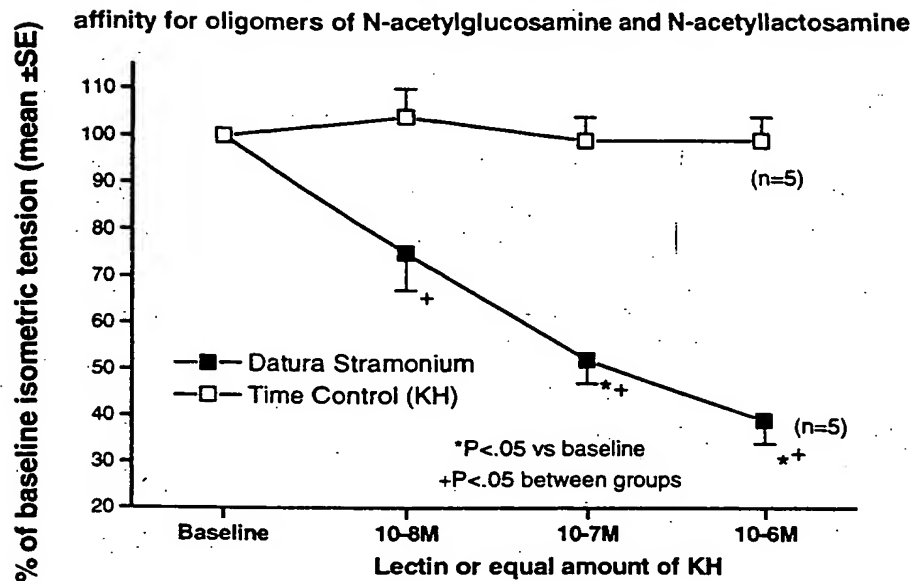


Figure 11



**Figure 12**

## DATURA STRAMONIUM



## DATURA STRAMONIUM and CHITOTRIOSE

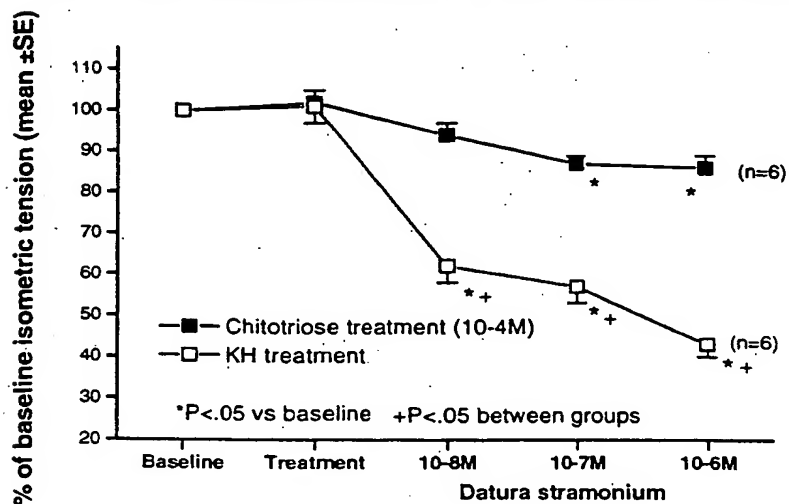


Figure 13

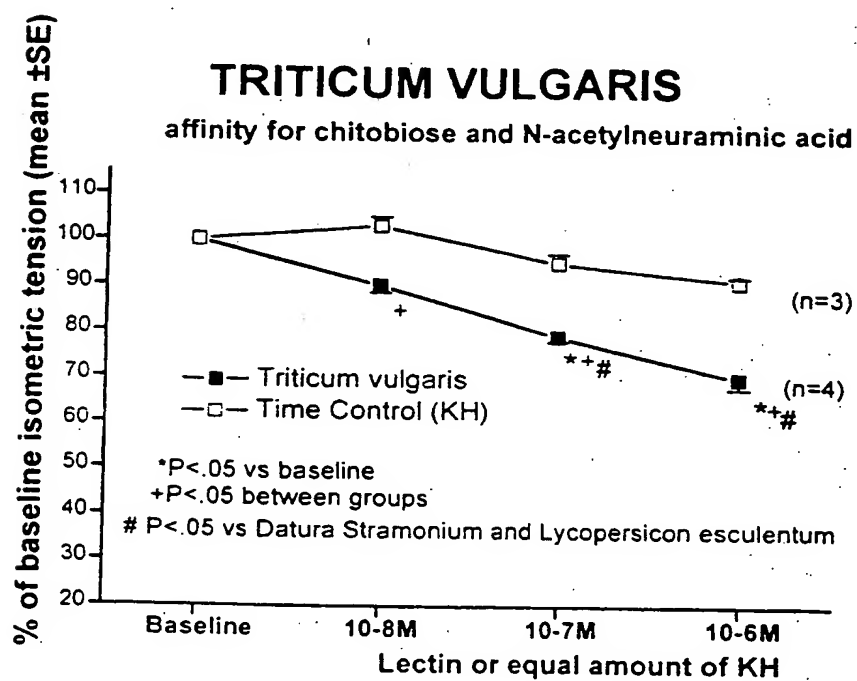
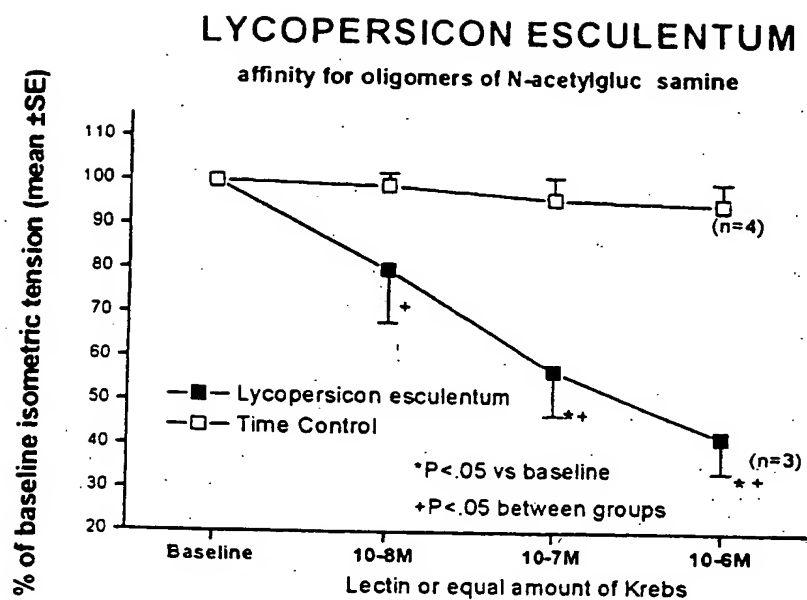
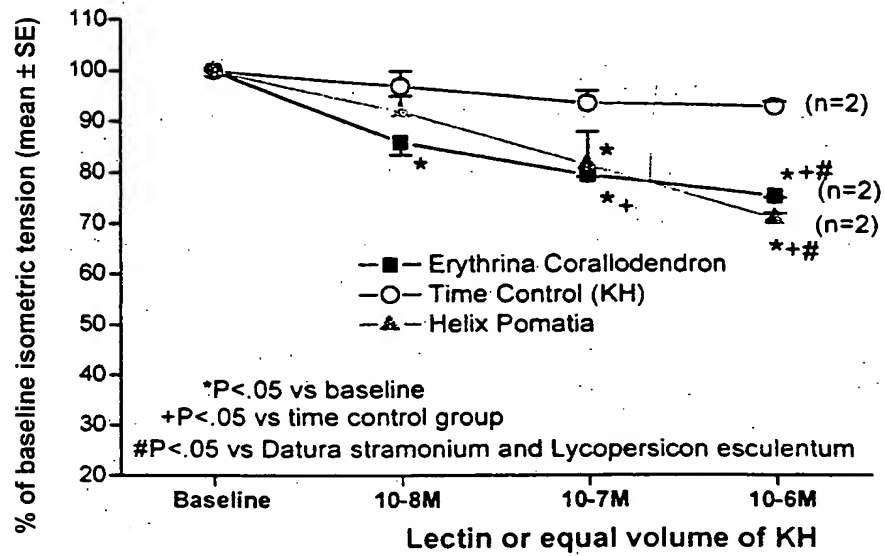


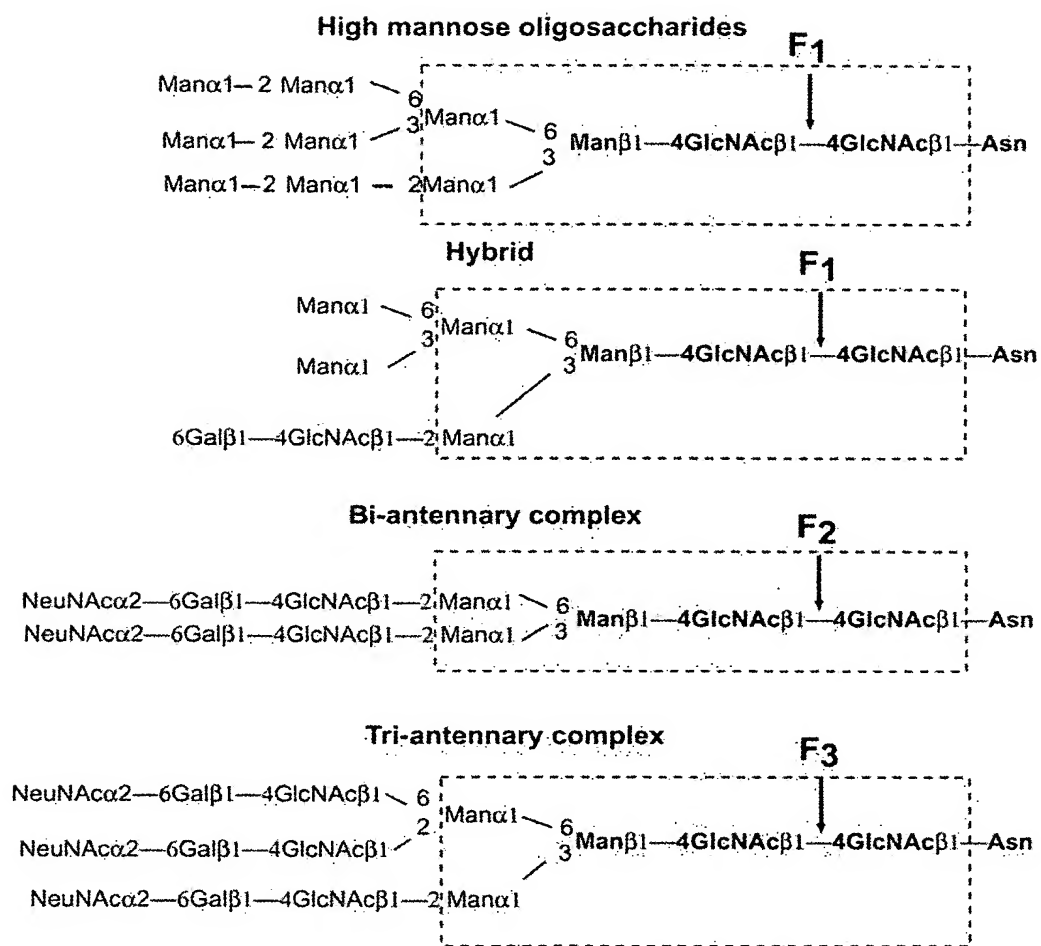
Figure 14

**ERYTHRINA CORALLODENDRON and HELIX POMATIA**  
affinity for N-acetyllactosamine and  
terminal N-acetyl galactosaminyI residues, respectively



**Figure 15**





**Figure 16**

## REVERSIBILITY STUDY

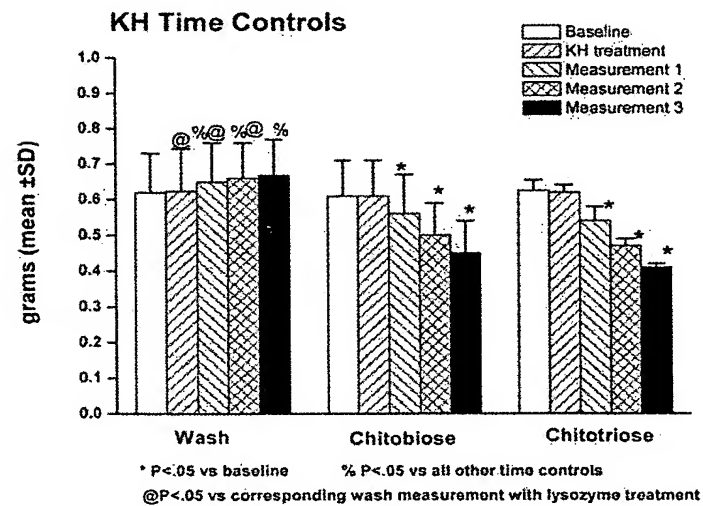
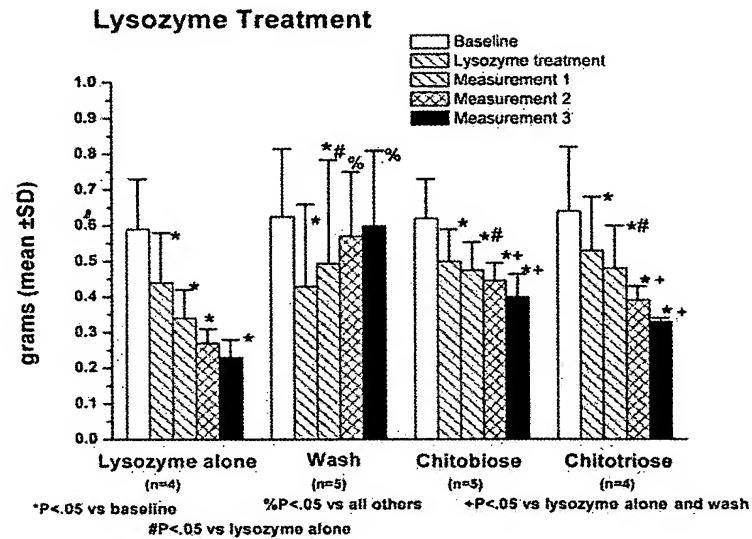


Figure 17

## EXOGLYCOSIDASES

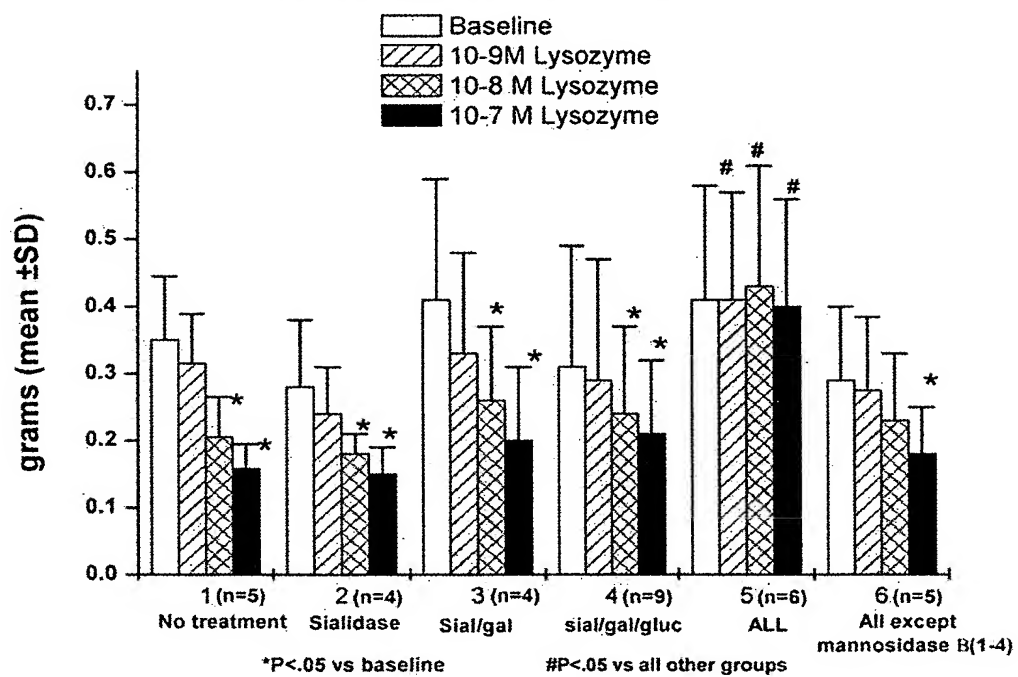
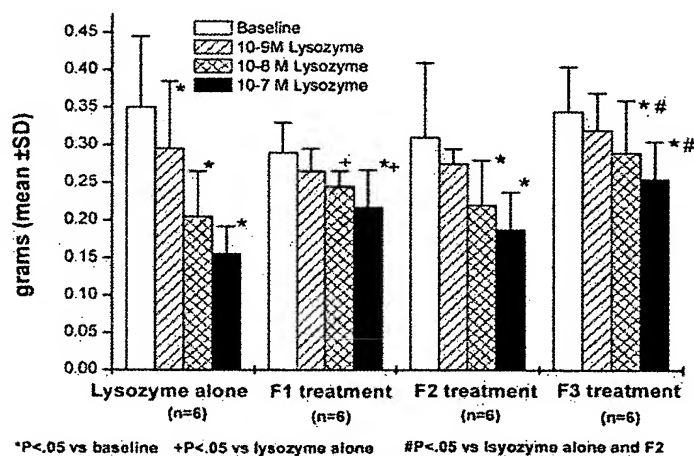


Figure 18

## ENDO- $\beta$ -N-ACETYLGLUCOSAMINIDASE STUDY

### Lysozyme Experiments



### KH Time Controls

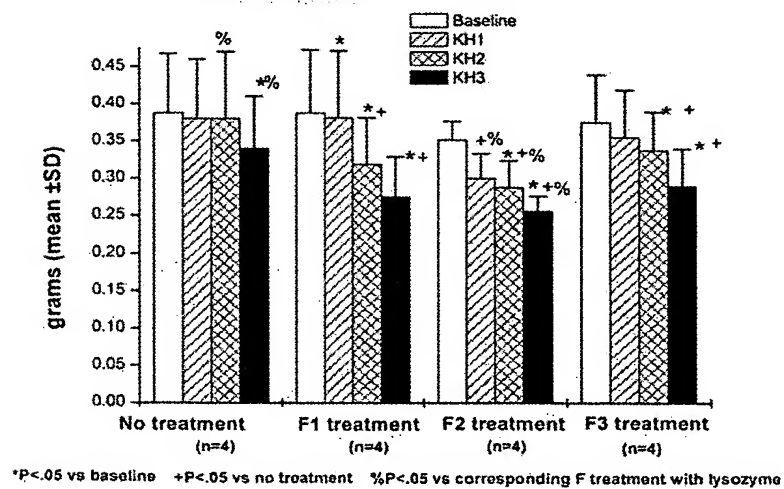
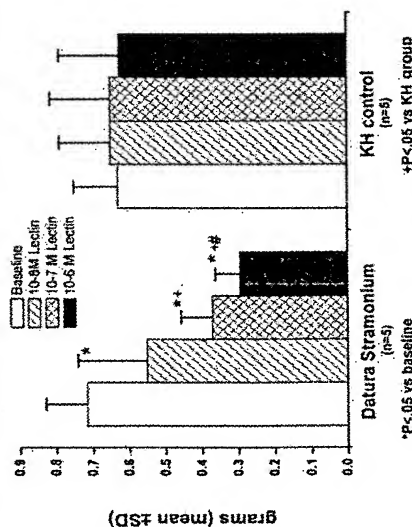


Figure 19

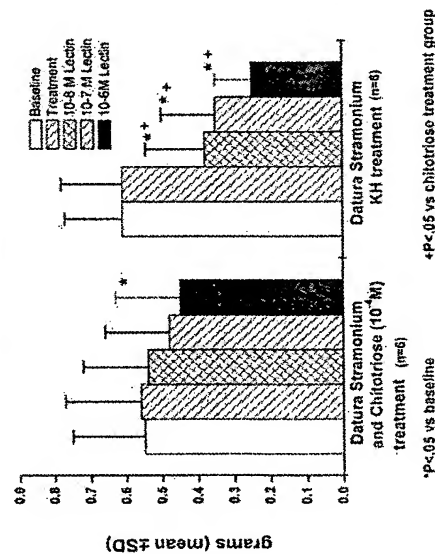
## LECTIN STUDY

### DATURA STRAMONIUM LECTIN

affinity for oligomers of N-acetylglucosamine and N-acetyllactosamine

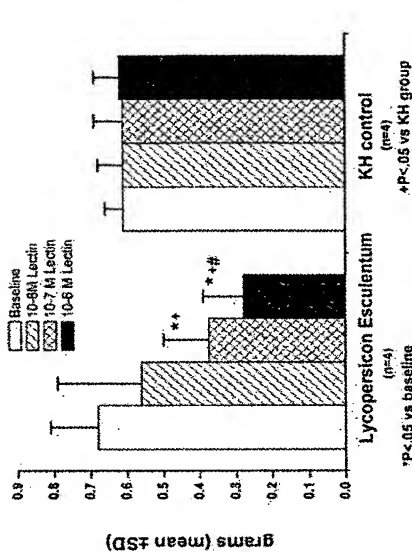


### DATURA STRAMONIUM and CHITOTRIOSE



### LYCOPERSICON ESCULENTUM LECTIN

affinity for oligomers of N-acetylglucosamine



### TRITICUM VULGARIS, ERYTHRINA CORALLODENDRON, and HELIX POMATIA: affinity for chitobiose, for N-acetyllactosamine, and for terminal N-acetyl galactosaminyl residues, respectively

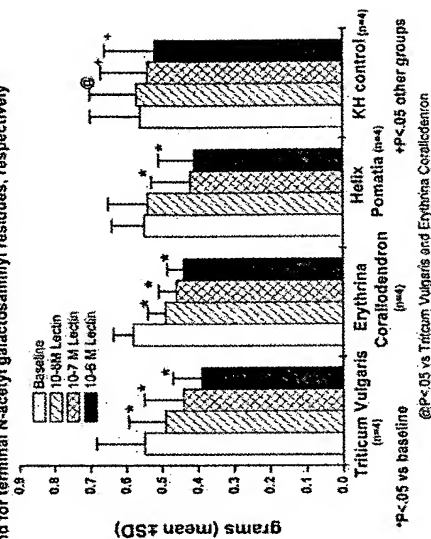
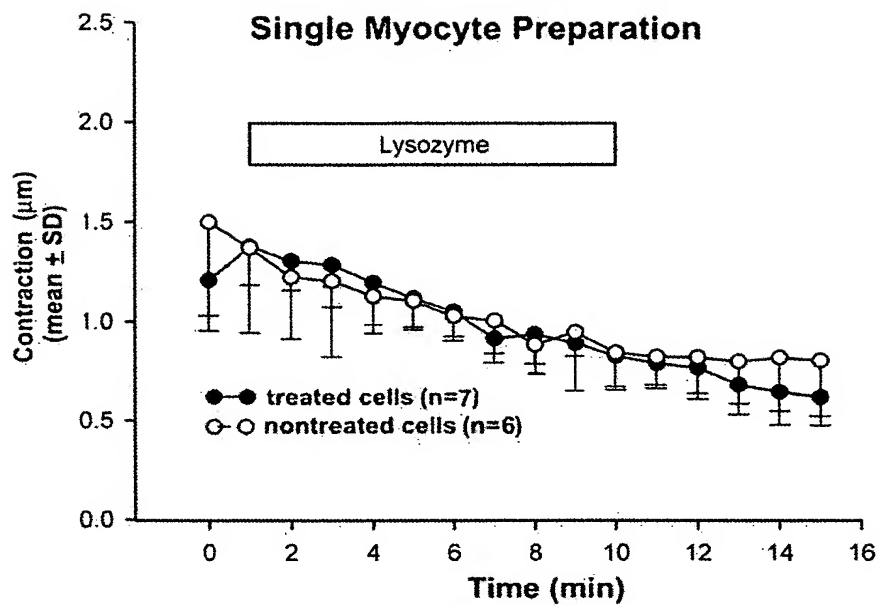


Figure 20



### Protease and collagenase treated ventricular trabeculae

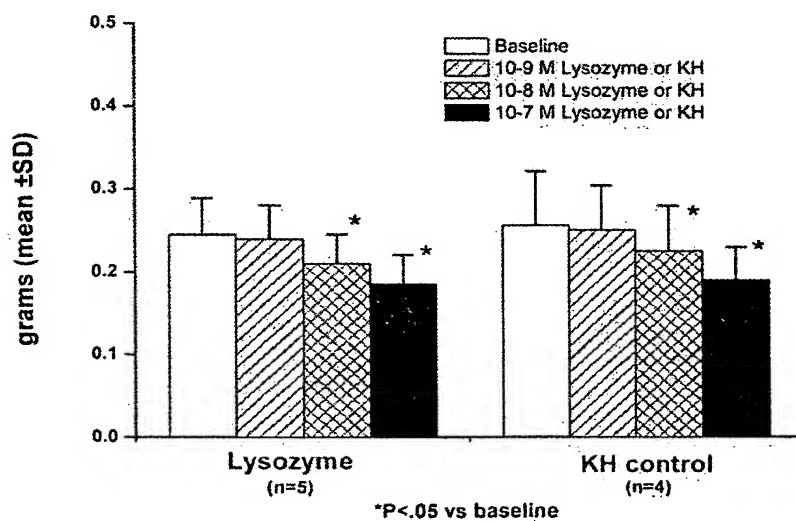


Figure 21

## LATE TREATMENT STUDY WITH CHITOBIOSE

Mean arterial pressure (n=4)

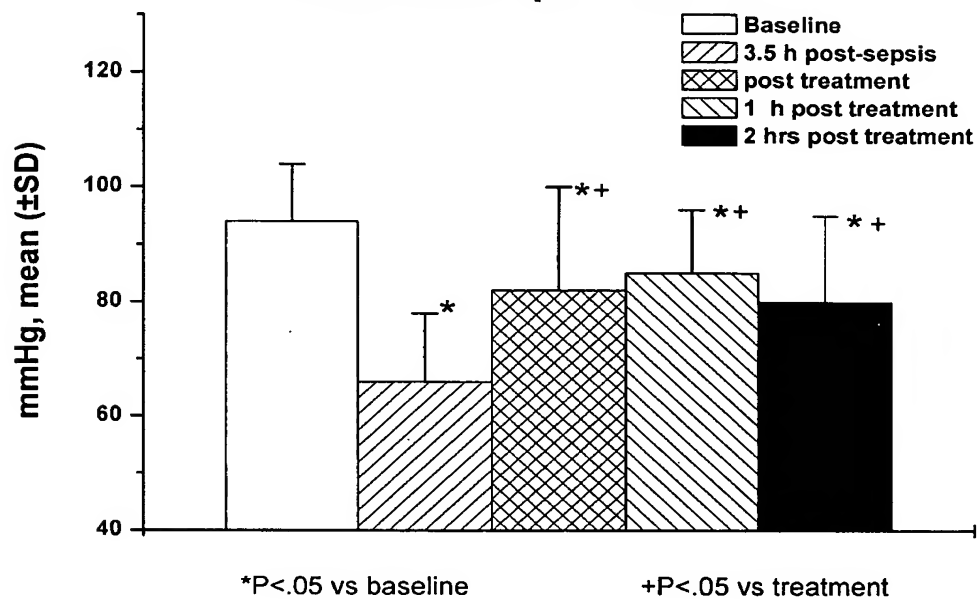


Figure 22

## LATE TREATMENT STUDY WITH CHITOBIOSE

Stroke- work (n=4)

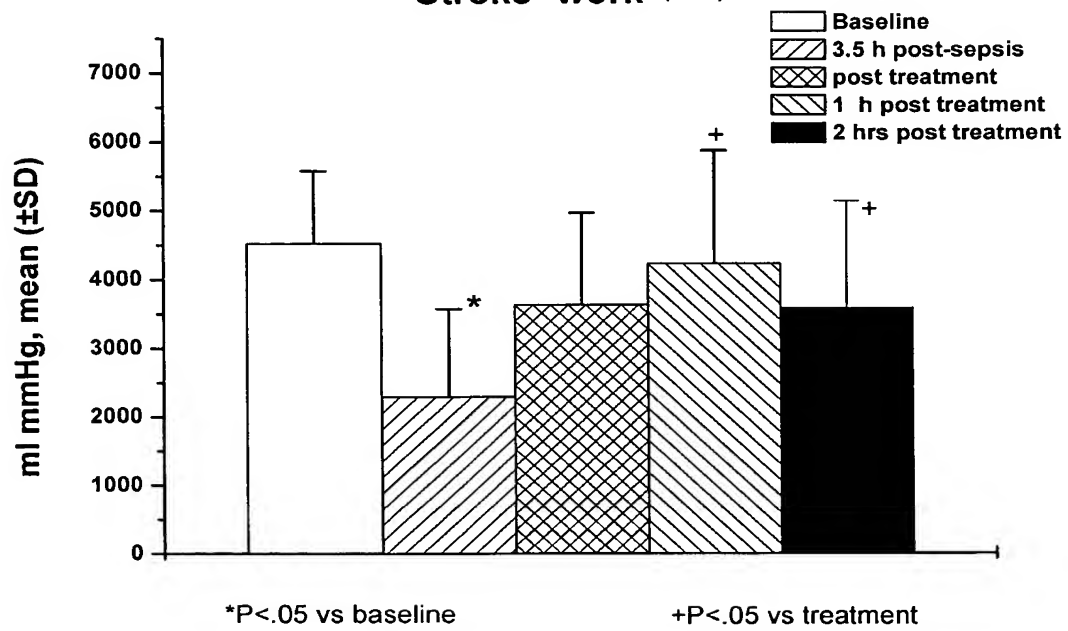


Figure 23



## LATE TREATMENT STUDY WITH CHITOBIOSE

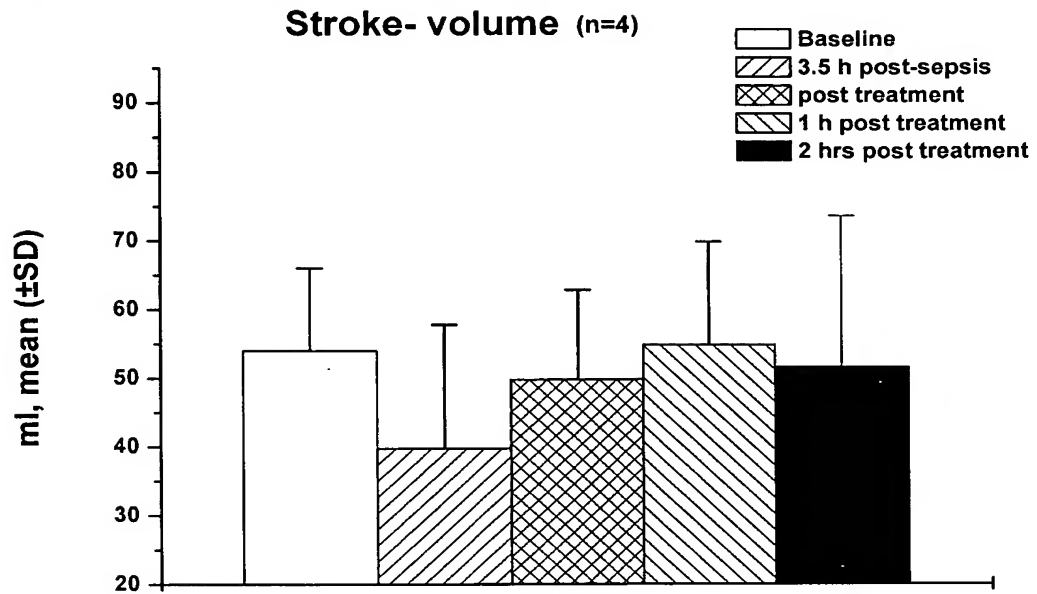


Figure 24

## LATE TREATMENT STUDY WITH CHITOBIOSE

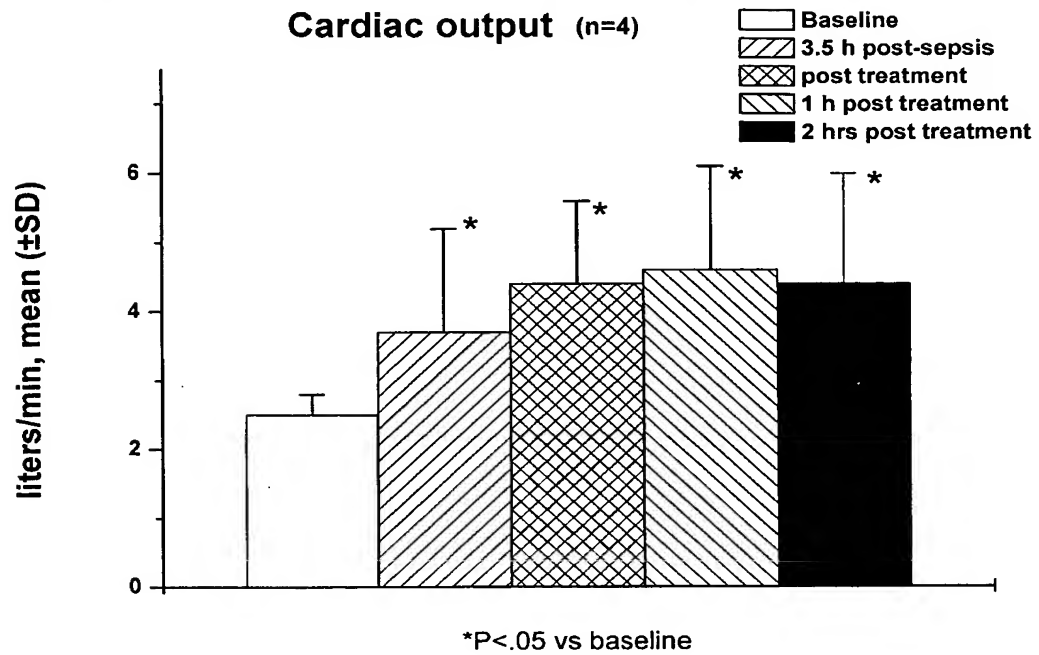
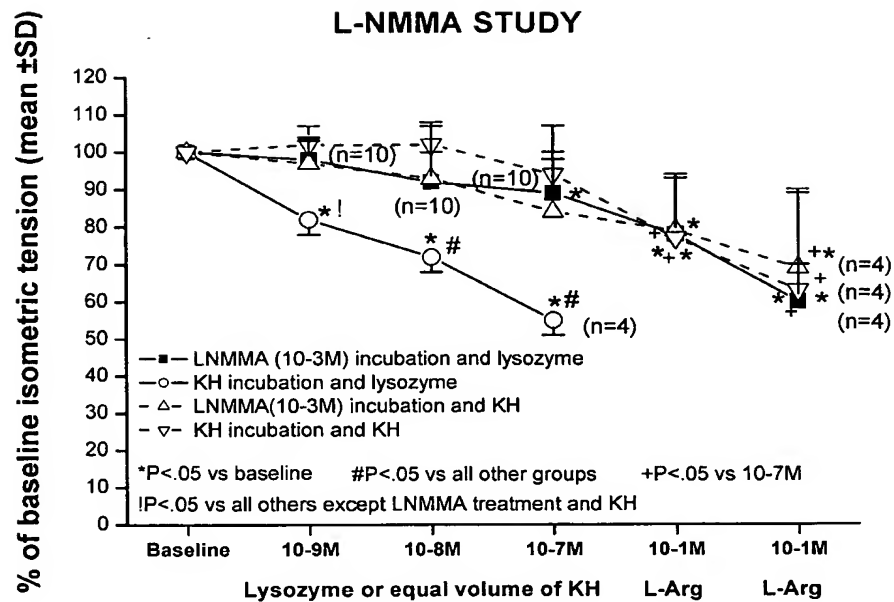
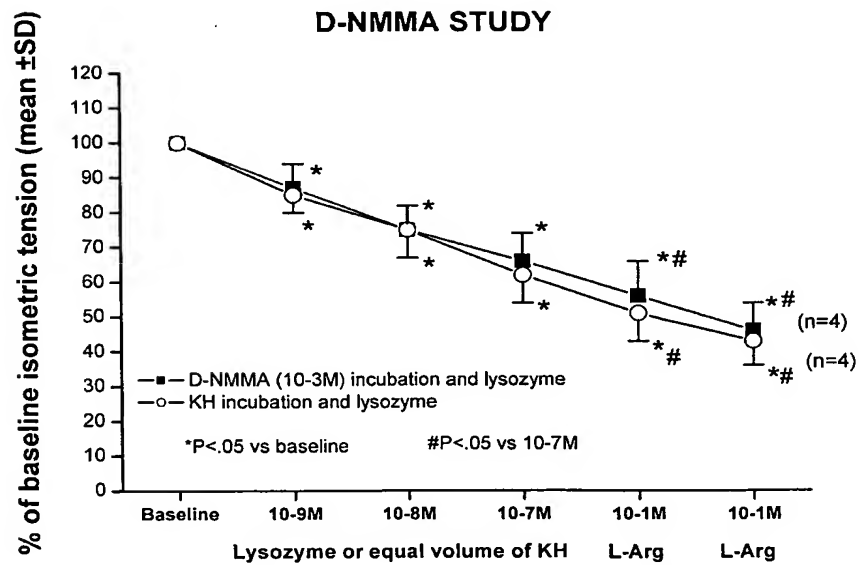


Figure 25

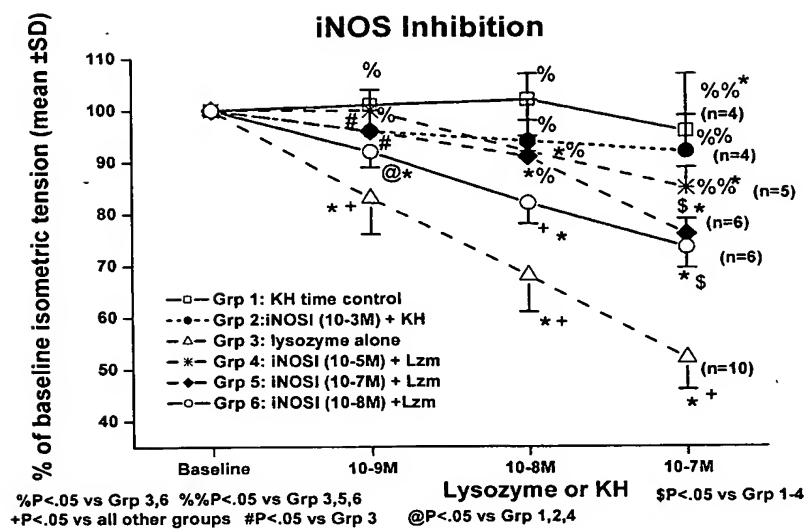


**Figure 26**

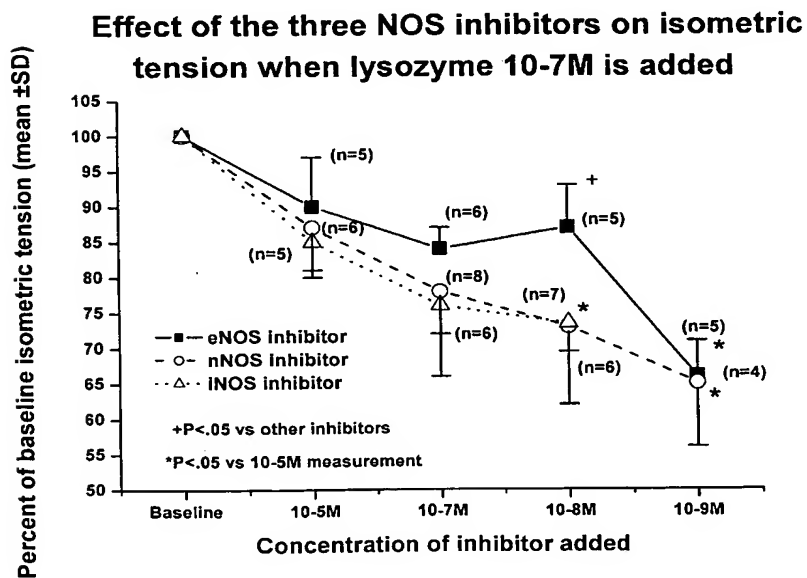


**Figure 27**

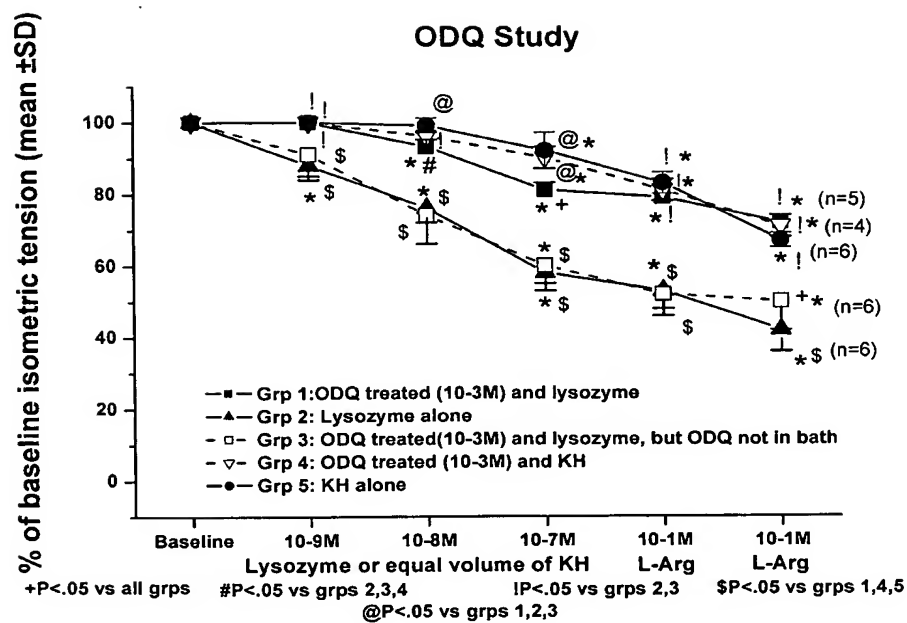




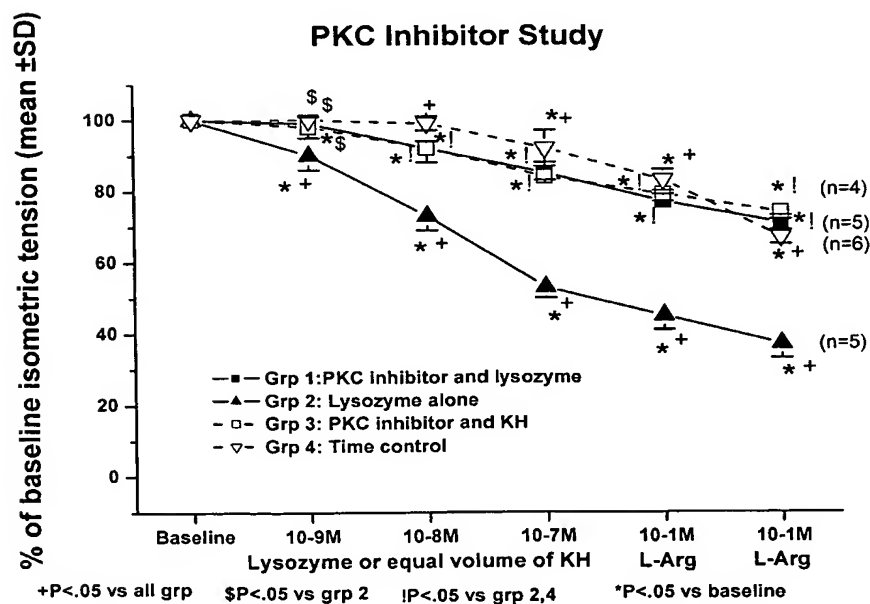
**Figure 30**



**Figure 31**



**Figure 32**



**Figure 33**

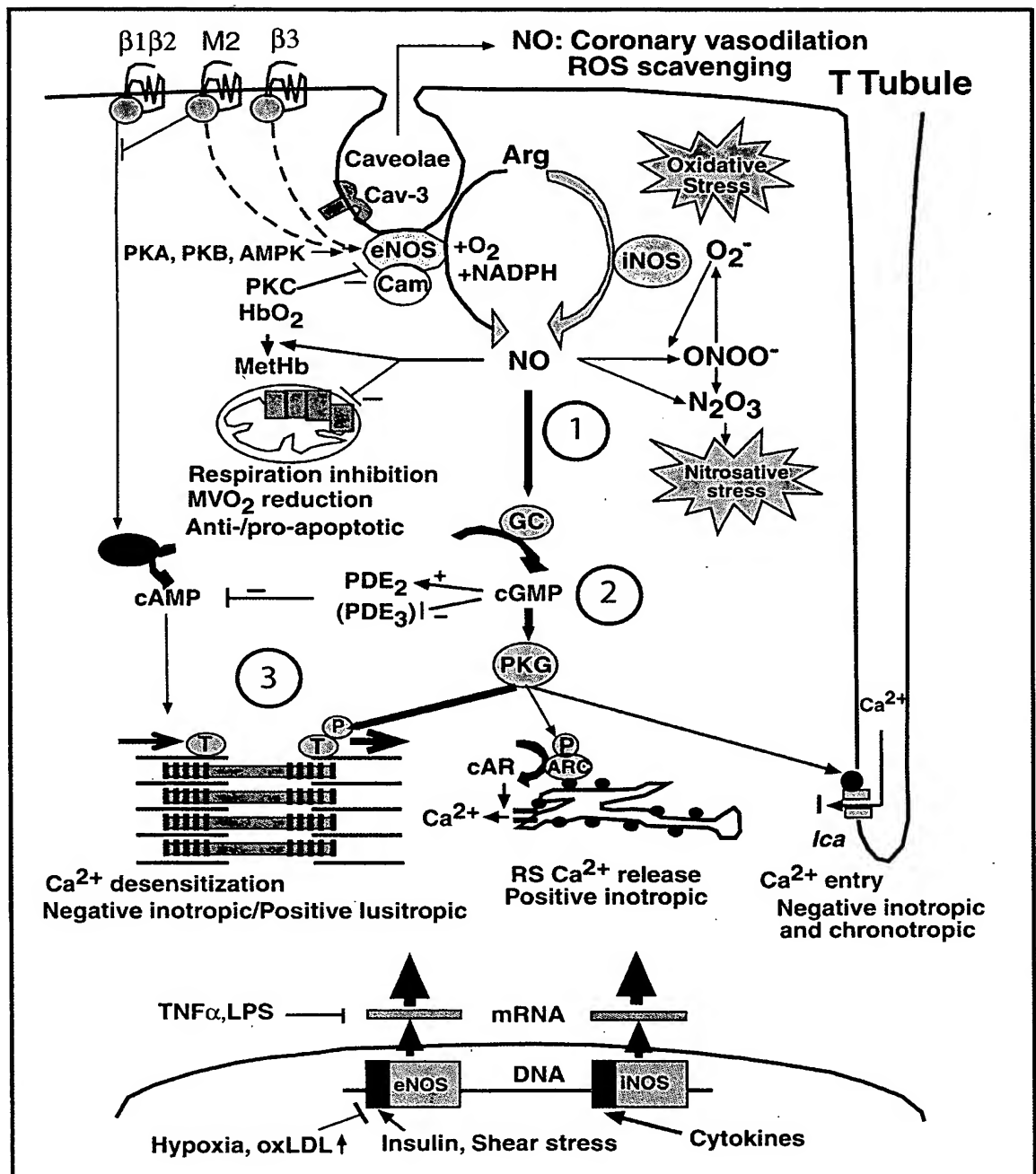


Figure 34